

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061175.D
 Acq On : 21 Oct 2024 16:31
 Operator : MD/SY
 Sample : P4368-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 22 01:39:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.113	96	26610	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13302	0.941	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13998	1.005	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11878	0.810	ug/l	99
3) Chloromethane	1.518	50	12388	0.888	ug/l	100
4) Vinyl Chloride	1.602	62	11712	0.818	ug/l	99
5) Bromomethane	1.856	94	7518	0.835	ug/l	99
6) Chloroethane	1.930	64	7662	0.798	ug/l	100
7) Trichlorofluoromethane	2.136	101	15620	0.767	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	8602	0.849	ug/l	97
9) 1,1-Dichloroethene	2.573	96	9248	0.876	ug/l	99
10) Iodomethane	2.718	142	8719	0.694	ug/l	99
11) Allyl Chloride	2.914	41	10756	0.791	ug/l	91
12) Acrylonitrile	3.329	53	3278	1.544	ug/l	# 85
13) Acetone	2.653	43	12010	4.337	ug/l	99
14) Carbon Disulfide	2.785	76	28767	0.791	ug/l	100
15) Methylene Chloride	3.036	84	10845	0.794	ug/l	92
16) trans-1,2-Dichloroethene	3.345	96	10161	0.821	ug/l	96
17) 1,1-Dichloroethane	3.859	63	18057	0.822	ug/l	99
18) 2-Butanone	4.737	43	14127m	4.166	ug/l	
19) Cyclohexane	5.380	56	14817m	0.753	ug/l	
20) Methylcyclohexane	6.753	83	17265	0.787	ug/l	97
21) 2,2-Dichloropropane	4.657	77	15856	0.783	ug/l	96
22) cis-1,2-Dichloroethene	4.663	96	11110	0.824	ug/l	98
23) Diethyl Ether	2.374	59	6314	0.770	ug/l	93
24) tert-Butyl Alcohol	3.268	59	7259m	8.480	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	23392	0.827	ug/l	94
26) Bromochloromethane	4.968	128	4642	0.823	ug/l	93
27) Chloroform	5.081	83	19193	0.834	ug/l	96
28) 1,1,1-Trichloroethane	5.306	97	16724	0.824	ug/l	98
29) 1,1-Dichloropropene	5.518	75	14130	0.787	ug/l	99
30) Carbon Tetrachloride	5.515	117	13691	0.777	ug/l	98
31) Isopropyl Ether	3.988	45	24839	0.793	ug/l	96
32) Ethyl-t-butyl ether	4.496	59	25002	0.776	ug/l	96
33) Tert-Amyl methyl ether	5.936	73	23569	0.813	ug/l	# 95
34) Propionitrile	4.824	54	3576m	4.420	ug/l	
35) Benzene	5.766	78	40414	0.800	ug/l	100
36) 1,2-Dichloroethane	5.792	62	12312	0.863	ug/l	# 93
37) Trichloroethene	6.541	130	10545	0.782	ug/l	96
38) 1,2-Dichloropropane	6.782	63	10652	0.833	ug/l	99
39) Methacrylonitrile	4.994	41	2333	0.801	ug/l	# 60
40) Methyl acrylate	4.878	55	4964m	0.840	ug/l	
41) Tetrahydrofuran	5.084	42	2908m	1.662	ug/l	
42) 1-Chlorobutane	5.454	56	18012	0.783	ug/l	97
43) Dibromomethane	6.917	93	5400	0.814	ug/l	98
44) Bromodichloromethane	7.100	83	13199	0.818	ug/l	96

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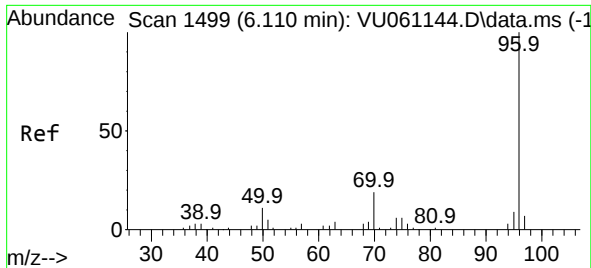
Quant Time: Oct 22 01:39:34 2024
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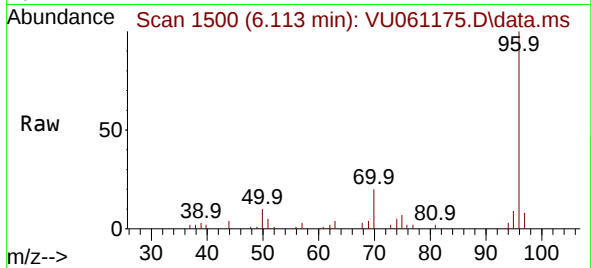
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	26455	3.973	ug/l	98
46) t-1,4-Dichloro-2-butene	10.827	75	4449m	1.676	ug/l	
47) Methyl methacrylate	6.962	69	8899	1.544	ug/l	94
48) Ethyl methacrylate	8.332	69	9899	0.805	ug/l	100
49) Toluene	7.962	92	26873	0.842	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	11930	0.767	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	14526	0.761	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	7139	0.798	ug/l	94
53) 1,3-Dichloropropane	8.570	76	13008	0.828	ug/l	97
54) 2-Hexanone	8.689	43	19264	3.521	ug/l	99
55) Dibromochloromethane	8.804	129	8436	0.799	ug/l	92
56) 1,2-Dibromoethane	8.920	107	7139	0.832	ug/l	94
58) Tetrachloroethene	8.547	164	9589	0.839	ug/l	97
59) Chlorobenzene	9.444	112	27803	0.809	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	9127	0.787	ug/l	96
61) Pentachloroethane	11.418	117	6526	0.735	ug/l	100
62) Hexachloroethane	12.463	117	6333	0.693	ug/l	96
63) Ethyl Benzene	9.563	91	48660	0.790	ug/l	100
64) m/p-Xylenes	9.689	106	36633	1.563	ug/l	97
65) o-Xylene	10.094	106	18123	0.785	ug/l	94
66) Styrene	10.113	104	27363	0.762	ug/l	98
67) Bromoform	10.283	173	4225	0.764	ug/l #	99
69) Isopropylbenzene	10.476	105	42444	0.773	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	8456	0.778	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	7564m	0.855	ug/l	
72) Bromobenzene	10.779	156	10456	0.792	ug/l	84
73) n-propylbenzene	10.901	120	11997	0.749	ug/l	96
74) 2-Chlorotoluene	10.981	126	11061	0.798	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	38236	0.772	ug/l	99
76) 4-Chlorotoluene	11.094	126	11170	0.793	ug/l	94
77) tert-Butylbenzene	11.412	119	38405	0.785	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	37718	0.755	ug/l	99
79) sec-Butylbenzene	11.634	105	51261	0.804	ug/l	98
80) Nitrobenzene	13.235	77	801	3.368	ug/l #	60
81) p-Isopropyltoluene	11.785	119	41150	0.780	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	19823	0.782	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	18940	0.750	ug/l	93
84) n-Butylbenzene	12.203	91	35812	0.732	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	18669	0.788	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1291	0.801	ug/l	90
87) 1,2,4-Trichlorobenzene	13.839	180	10022	0.740	ug/l	96
88) Hexachlorobutadiene	14.010	225	6098	0.796	ug/l	98
89) Naphthalene	14.090	128	16018	0.670	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	8628	0.709	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

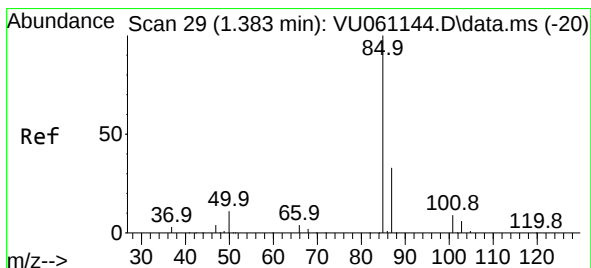
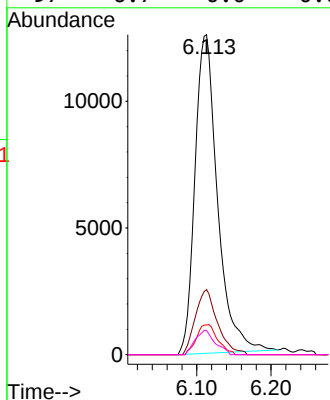
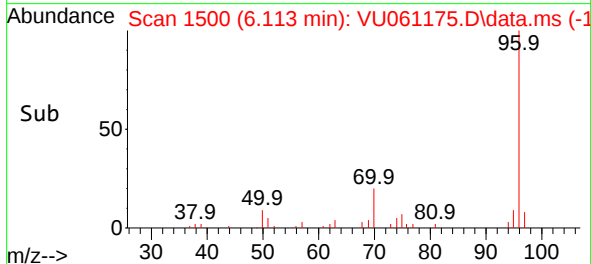
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 26610
Ion Ratio Lower Upper
96 100
70 20.0 16.1 24.1
95 8.8 0.0 0.0
97 6.7 0.0 0.0

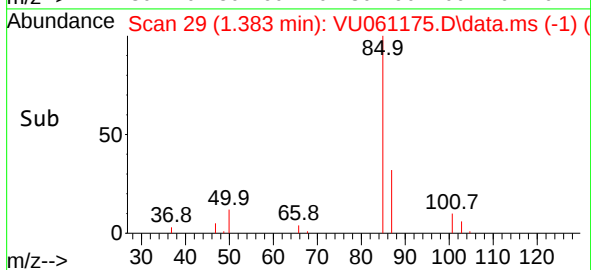
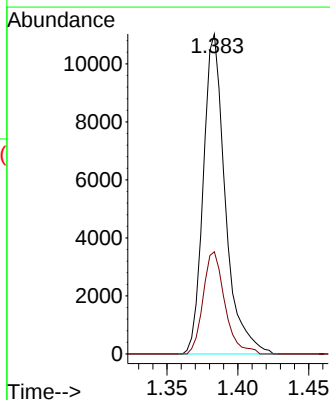
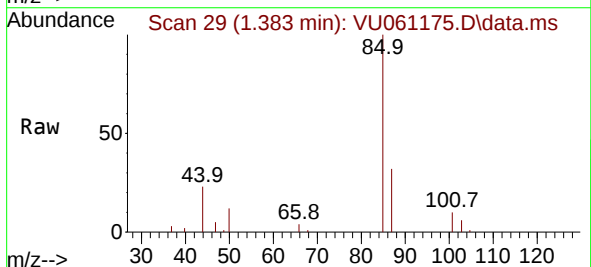
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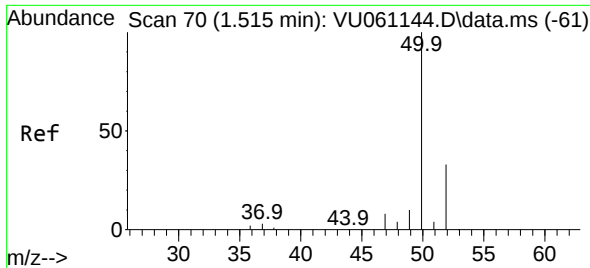
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.810 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 85 Resp: 11878
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





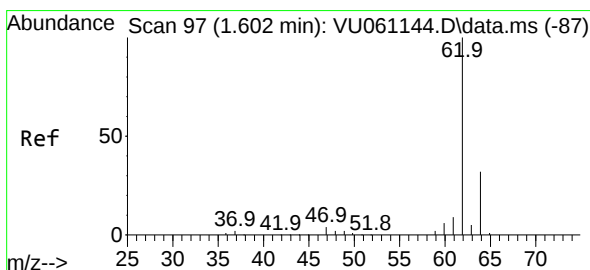
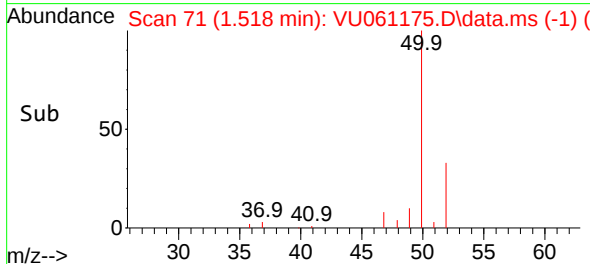
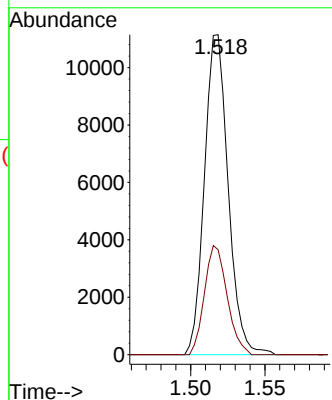
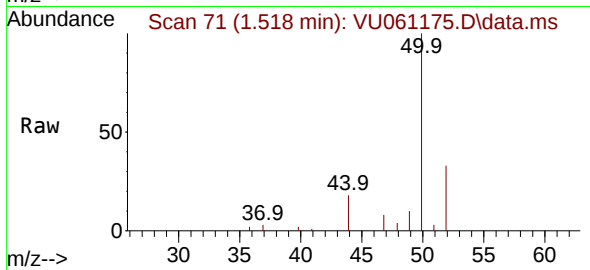
#3
Chloromethane
Concen: 0.888 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 50 Resp: 1238
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2

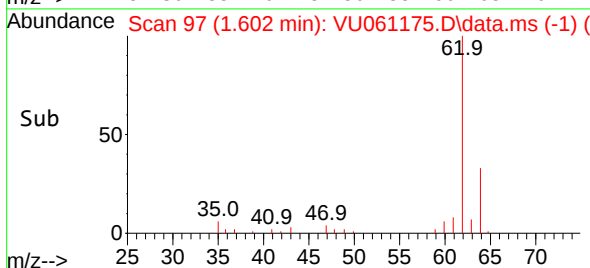
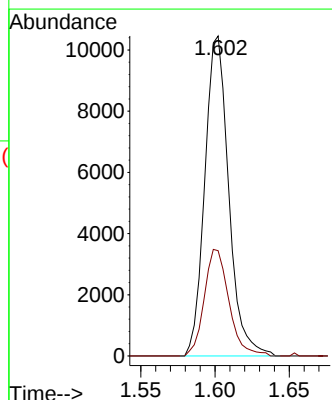
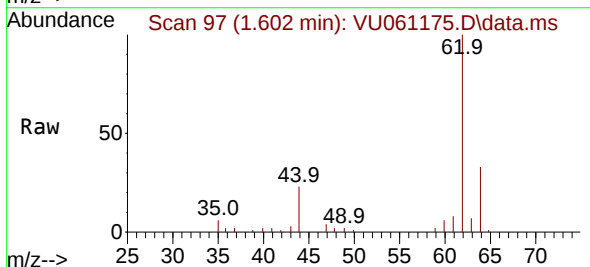
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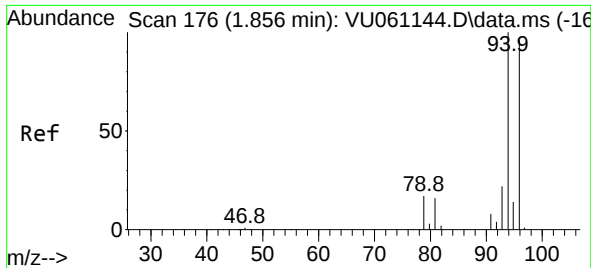
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.818 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

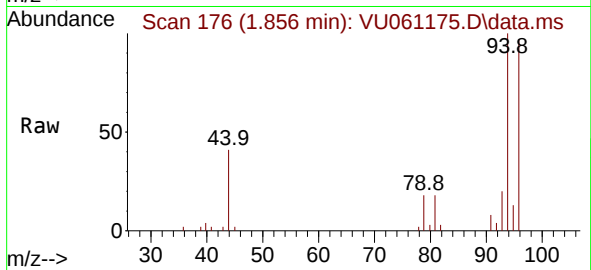
Tgt Ion: 62 Resp: 11712
Ion Ratio Lower Upper
62 100
64 32.9 25.9 38.9





#5
Bromomethane
Concen: 0.835 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

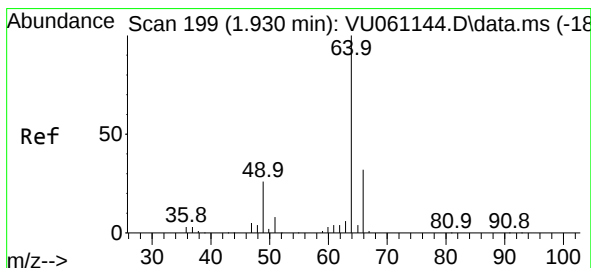
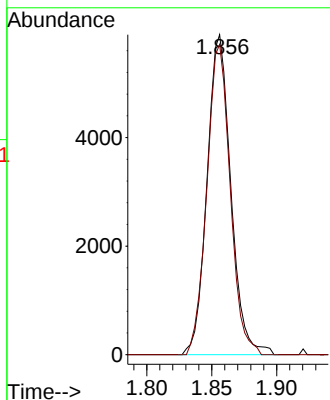
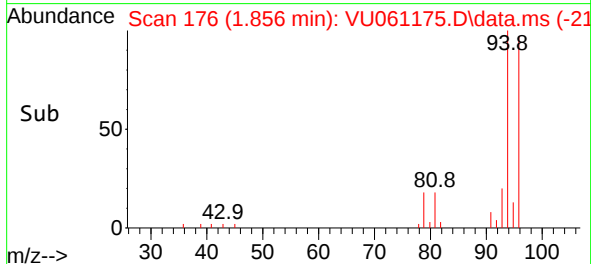
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 94 Resp: 7518
Ion Ratio Lower Upper
94 100
96 97.0 76.5 114.7

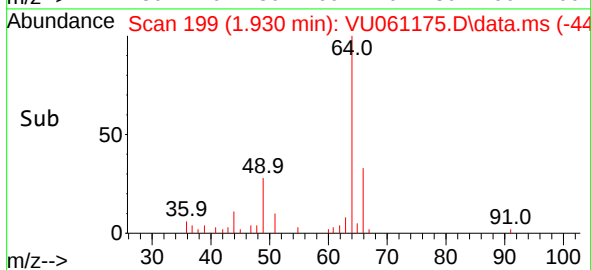
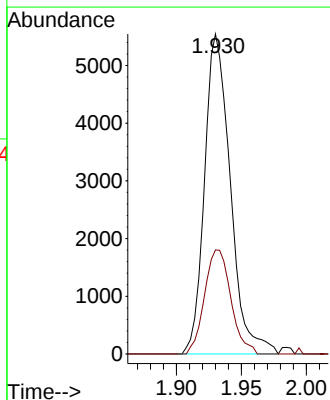
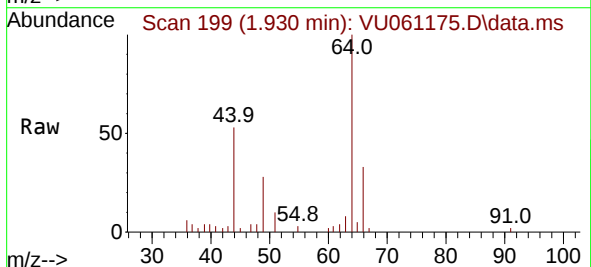
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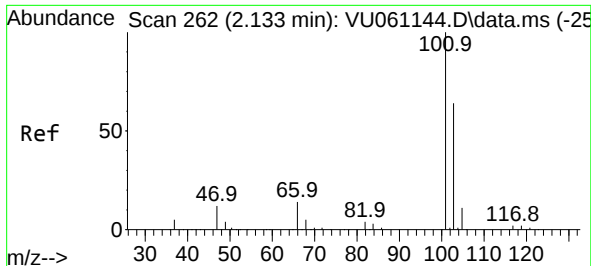
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.798 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

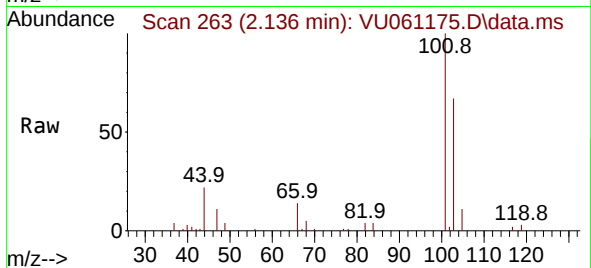
Tgt Ion: 64 Resp: 7662
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.767 ug/l
RT: 2.136 min Scan# 201
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

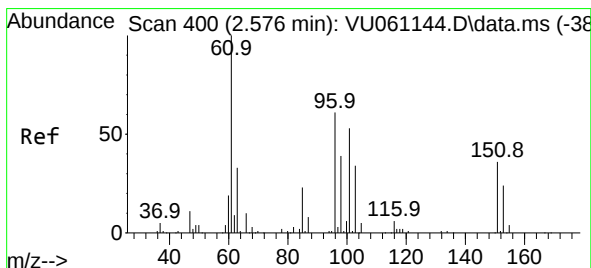
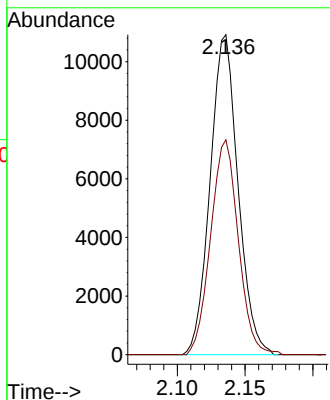
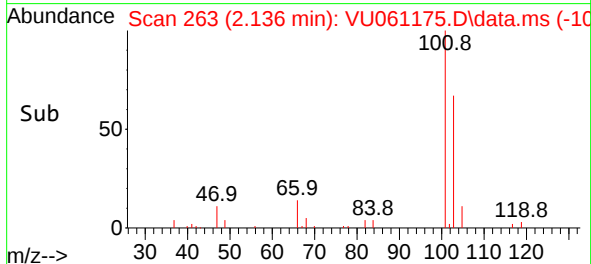
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:101 Resp: 15620
Ion Ratio Lower Upper
101 100
103 67.2 51.5 77.3

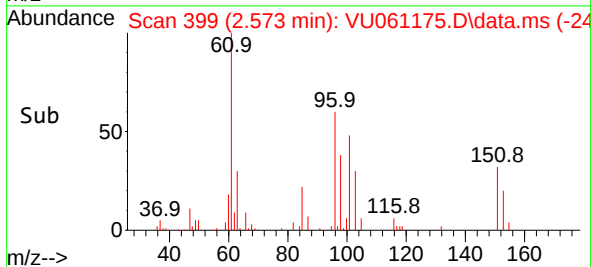
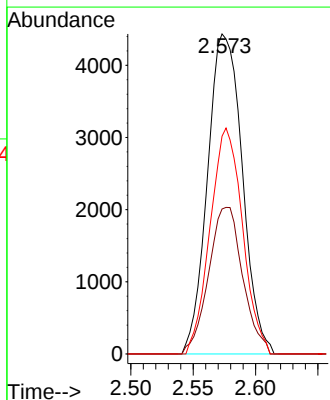
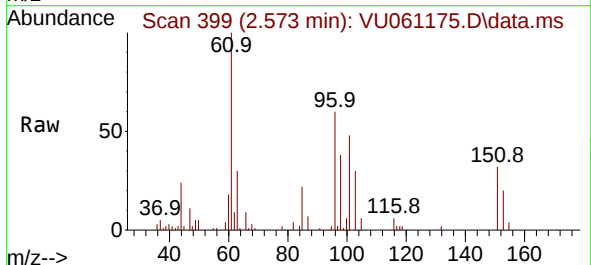
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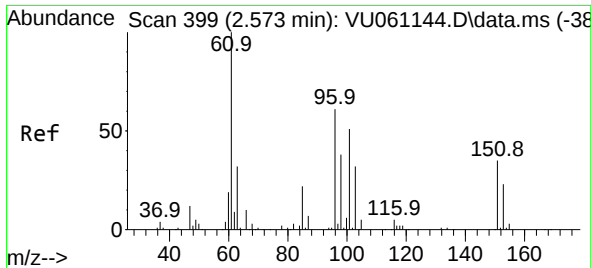
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.849 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion:101 Resp: 8602
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.8
151 66.0 56.2 84.4





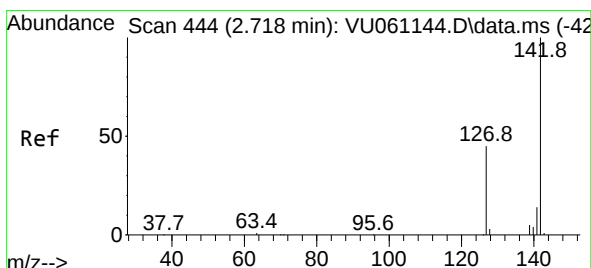
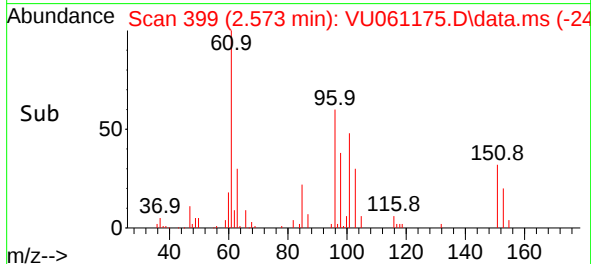
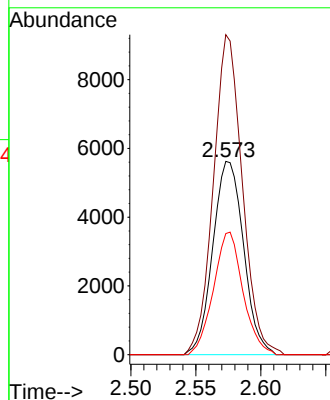
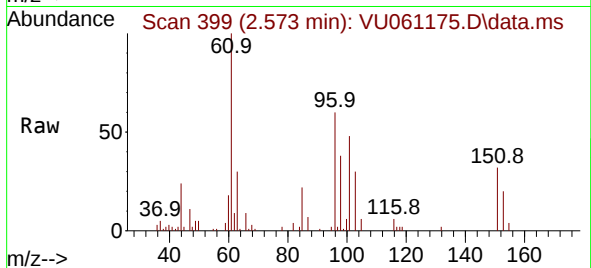
#9
1,1-Dichloroethene
Concen: 0.876 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 96 Resp: 9248
Ion Ratio Lower Upper
96 100
61 165.6 0.0 494.4
98 62.7 0.0 124.4

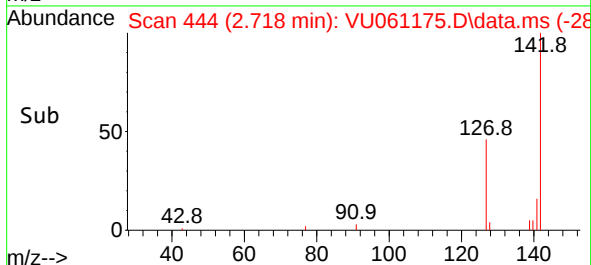
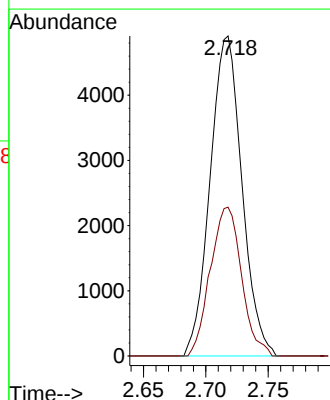
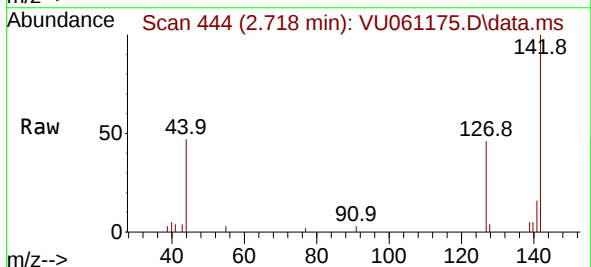
Manual Integrations
APPROVED

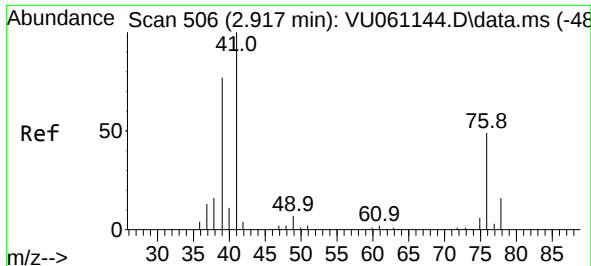
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.694 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

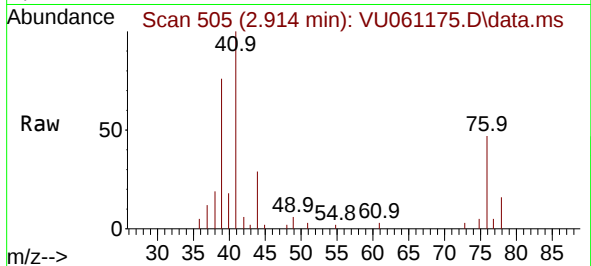
Tgt Ion:142 Resp: 8719
Ion Ratio Lower Upper
142 100
127 45.7 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.791 ug/l
 RT: 2.914 min Scan# 506
 Delta R.T. -0.003 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31

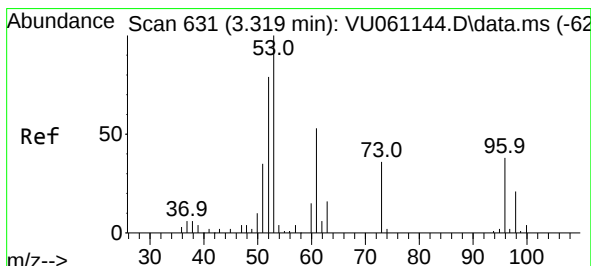
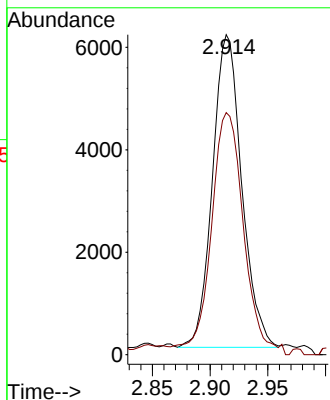
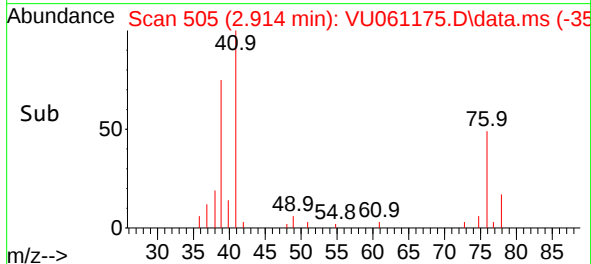
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 10750
 Ion Ratio Lower Upper
 41 100
 39 85.9 62.4 93.6

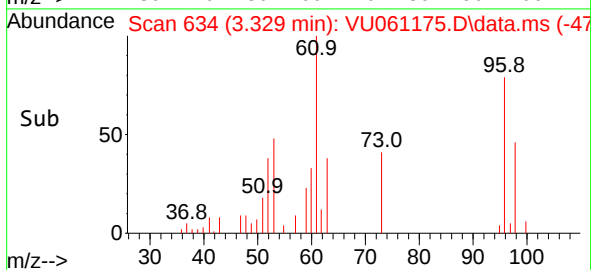
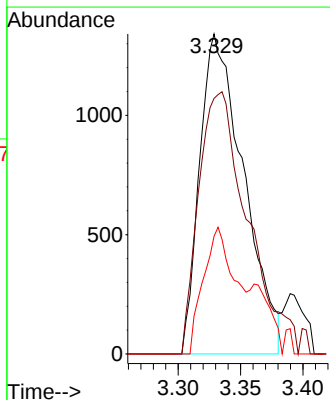
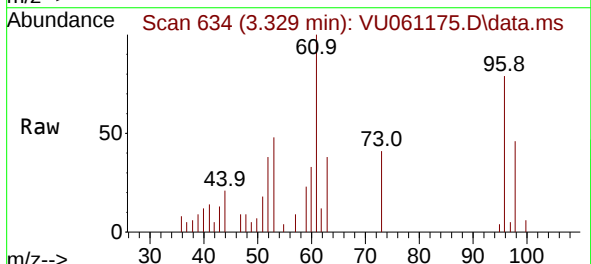
Manual Integrations
 APPROVED

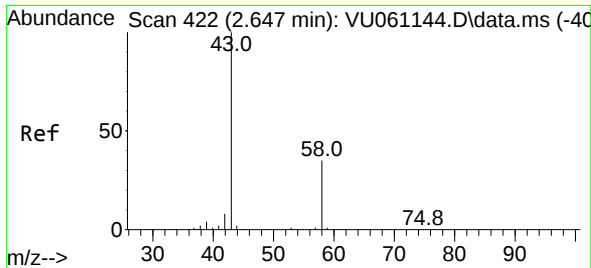
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 1.544 ug/l
 RT: 3.329 min Scan# 634
 Delta R.T. 0.010 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31

Tgt Ion: 53 Resp: 3278
 Ion Ratio Lower Upper
 53 100
 52 91.4 62.6 94.0
 51 28.5 30.7 46.1#





#13

Acetone

Concen: 4.337 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 12010

Ion Ratio Lower Upper

43 100

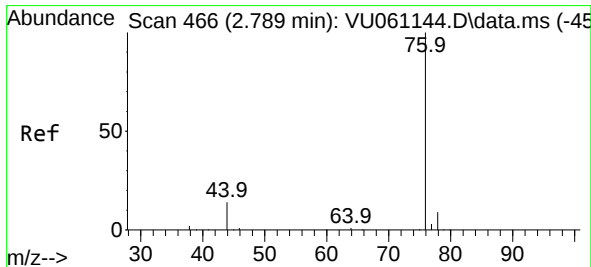
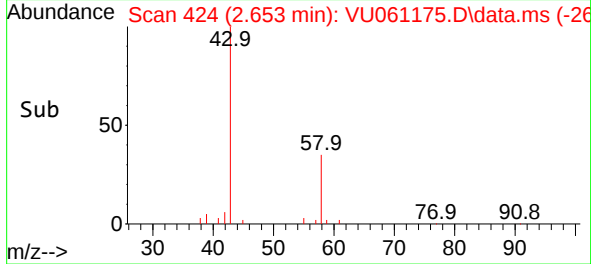
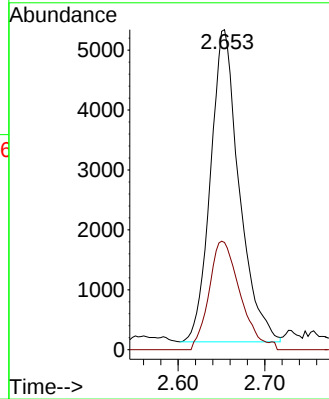
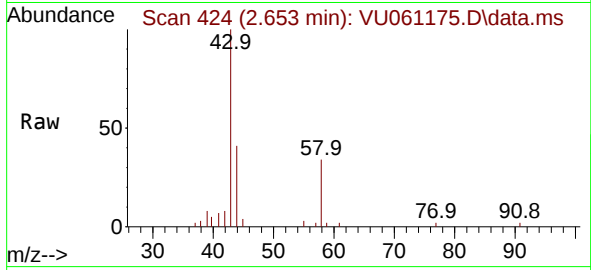
58 34.3 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#14

Carbon Disulfide

Concen: 0.791 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061175.D

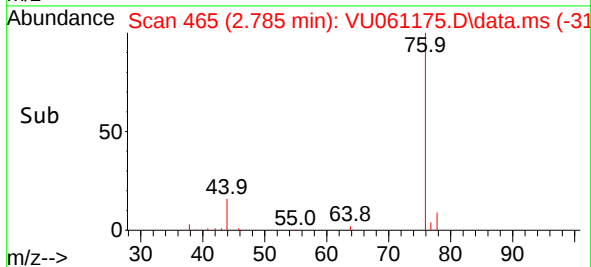
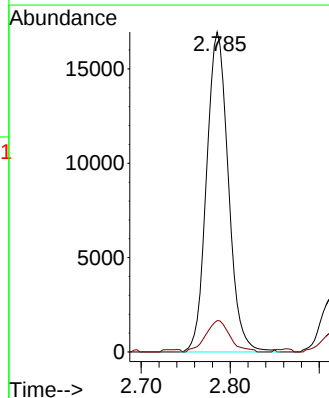
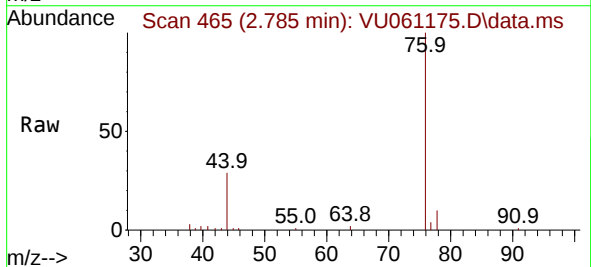
Acq: 21 Oct 2024 16:31

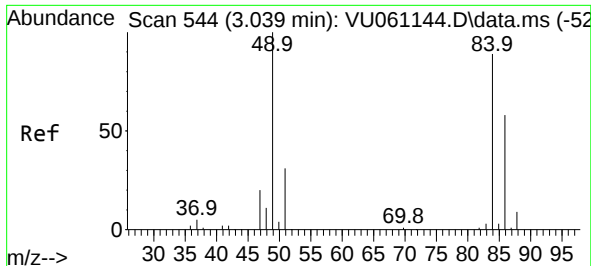
Tgt Ion: 76 Resp: 28767

Ion Ratio Lower Upper

76 100

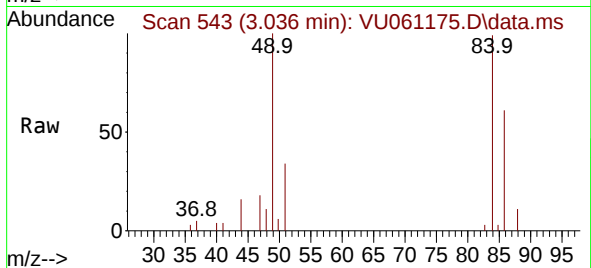
78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 0.794 ug/l
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

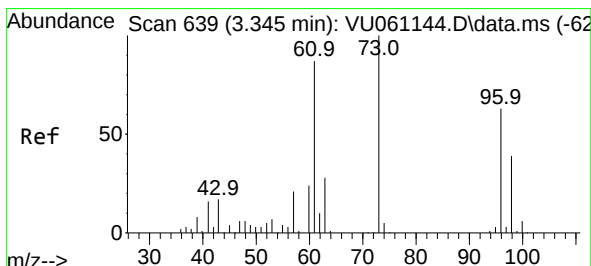
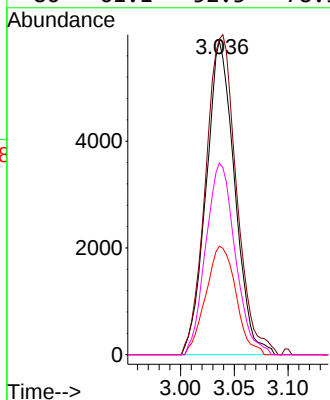
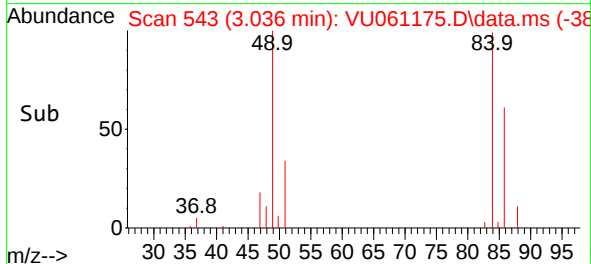
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 84 Resp: 1084
Ion Ratio Lower Upper
84 100
49 100.6 90.4 135.6
51 34.6 0.0 70.6
86 61.1 52.3 78.5

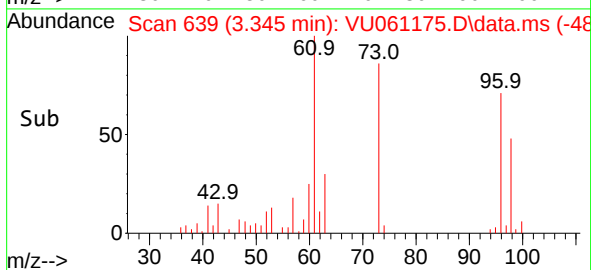
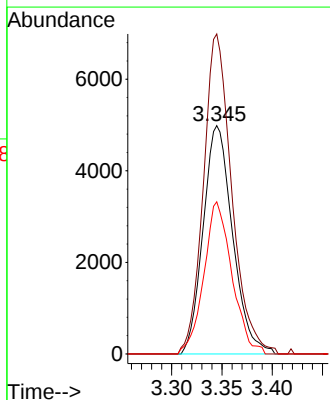
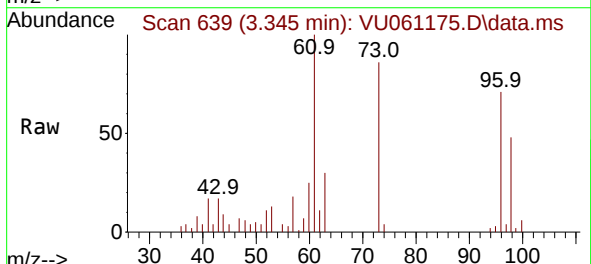
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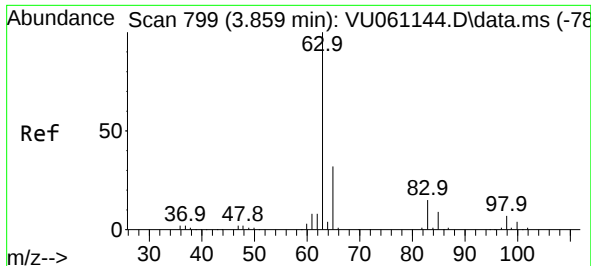
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#16
trans-1,2-Dichloroethene
Concen: 0.821 ug/l
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 96 Resp: 10161
Ion Ratio Lower Upper
96 100
61 140.1 110.6 166.0
98 69.5 49.8 74.8





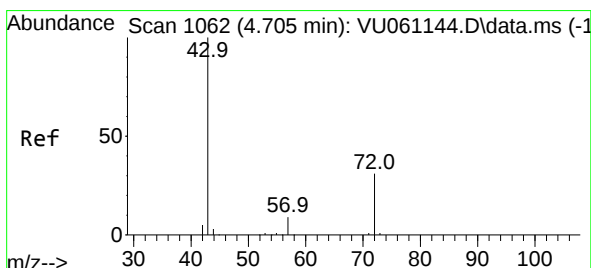
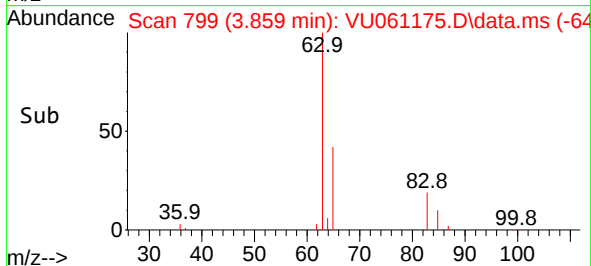
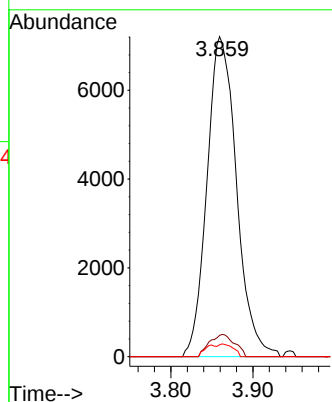
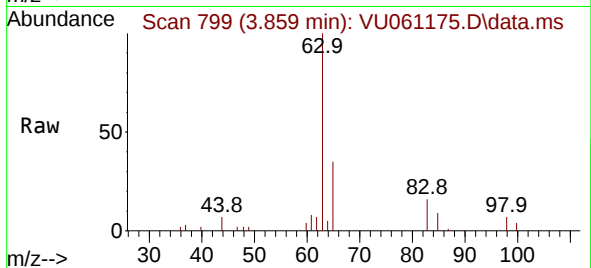
#17
 1,1-Dichloroethane
 Concen: 0.822 ug/l
 RT: 3.859 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 63 Resp: 1805
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 3.7 2.1 6.5

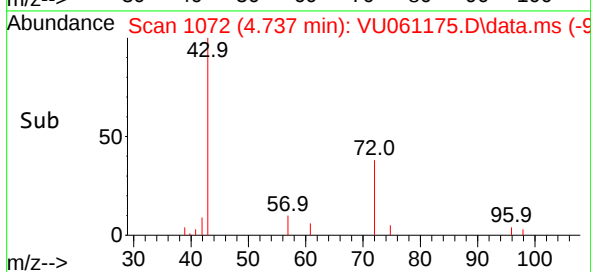
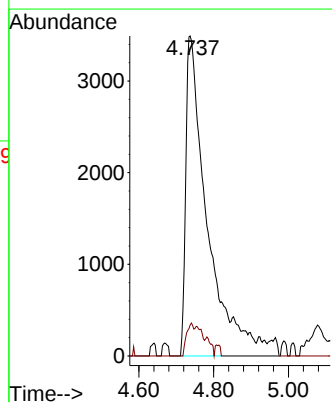
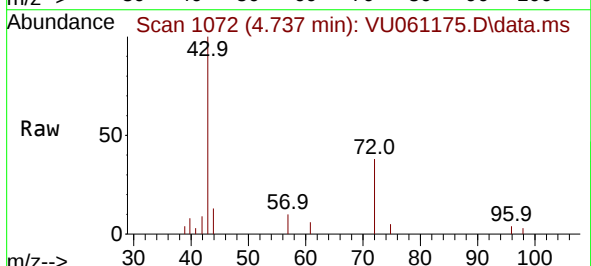
Manual Integrations
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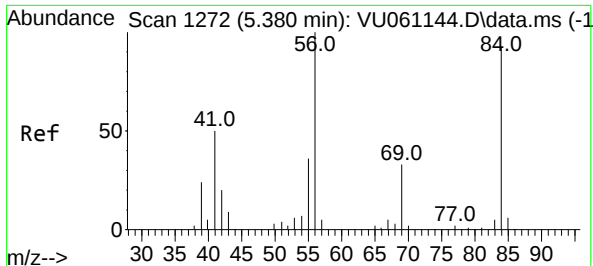
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#18
 2-Butanone
 Concen: 4.166 ug/l m
 RT: 4.737 min Scan# 1072
 Delta R.T. 0.032 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31

Tgt Ion: 43 Resp: 14127
 Ion Ratio Lower Upper
 43 100
 57 9.7 0.0 19.0





#19

Cyclohexane

Concen: 0.753 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

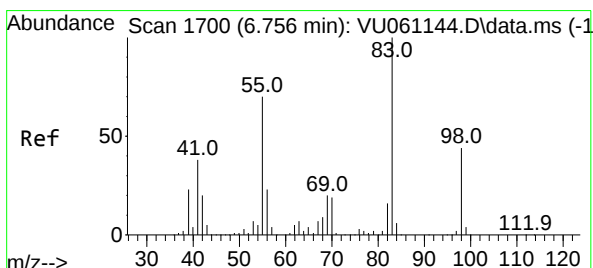
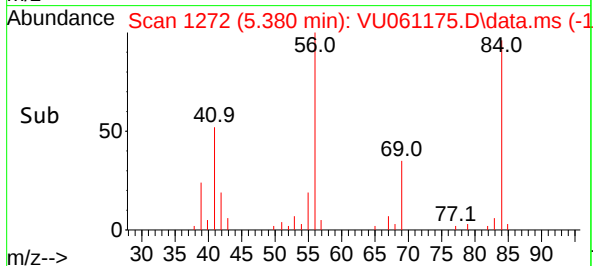
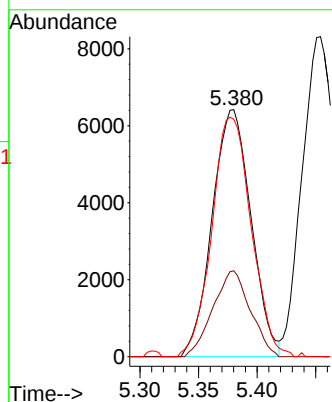
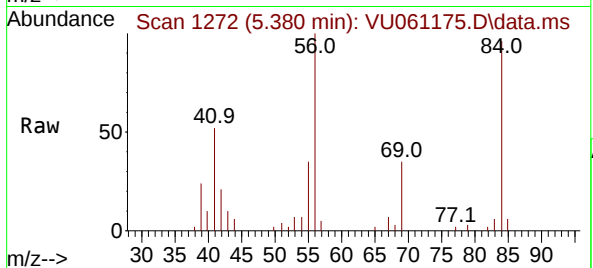
MDL-WATER-03-QT4-2024

Tgt Ion:	56	Resp:	1481
Ion Ratio	Lower	Upper	
56	100		
69	33.3	26.2	39.4
84	98.1	72.7	109.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#20

Methylcyclohexane

Concen: 0.787 ug/l

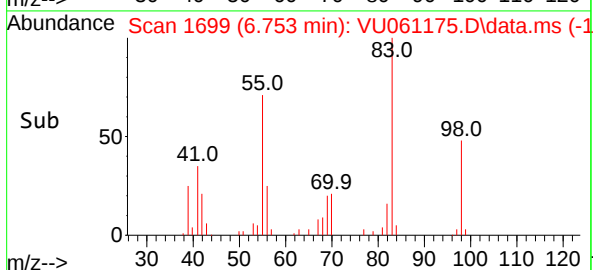
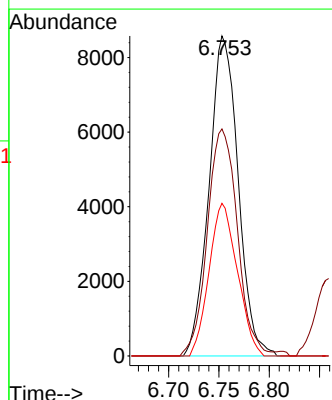
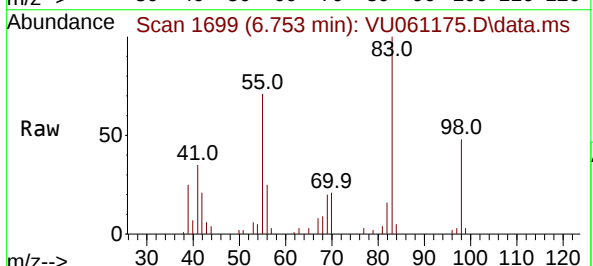
RT: 6.753 min Scan# 1699

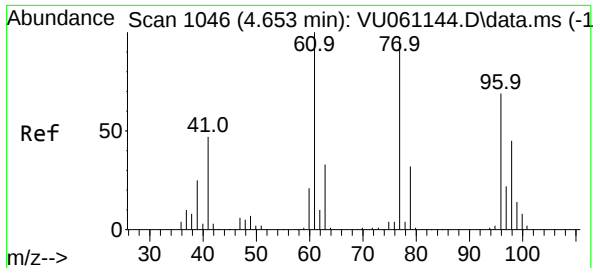
Delta R.T. -0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Tgt Ion:	83	Resp:	17265
Ion Ratio	Lower	Upper	
83	100		
55	71.6	55.5	83.3
98	46.4	35.8	53.6





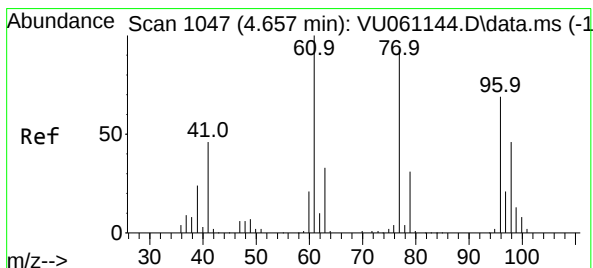
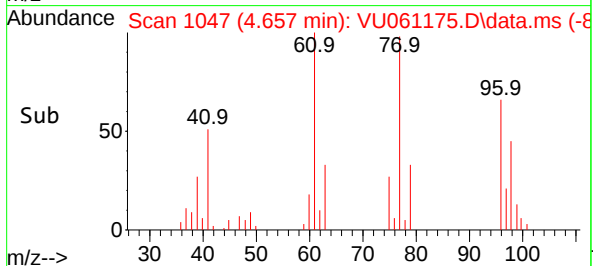
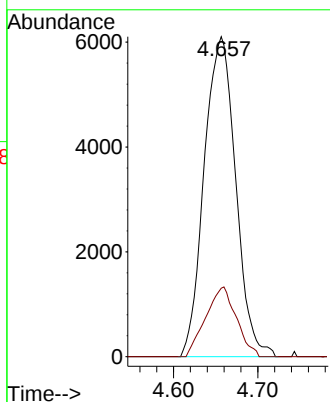
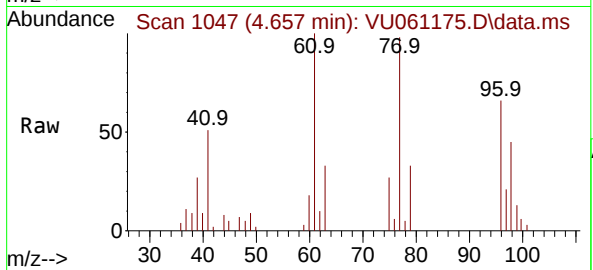
#21
2,2-Dichloropropane
Concen: 0.783 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 77 Resp: 1585
Ion Ratio Lower Upper
77 100
97 21.1 18.3 27.5

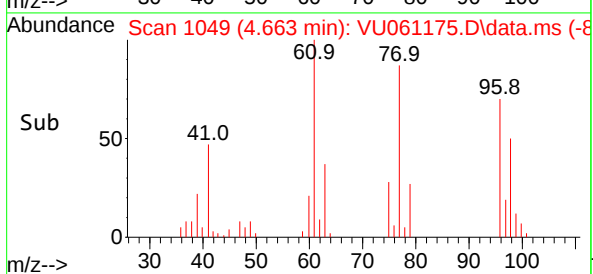
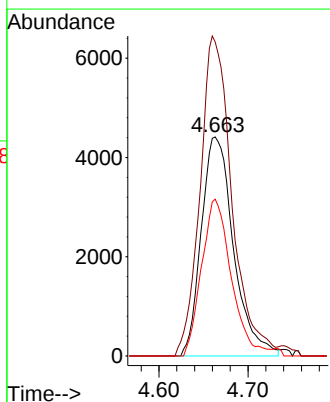
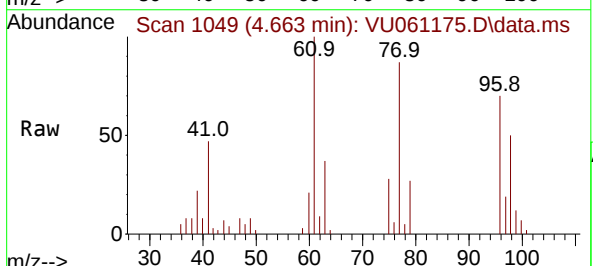
Manual Integrations
APPROVED

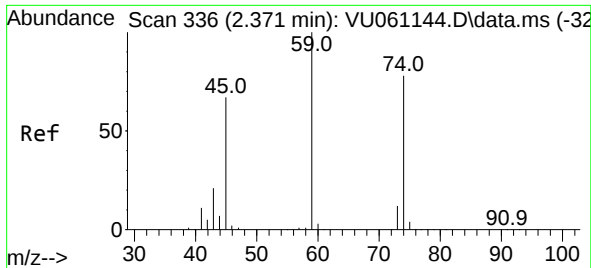
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.824 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 96 Resp: 11110
Ion Ratio Lower Upper
96 100
61 143.7 0.0 364.8
98 66.1 32.1 96.3





#23

Diethyl Ether

Concen: 0.770 ug/l

RT: 2.374 min Scan# 311

Delta R.T. 0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

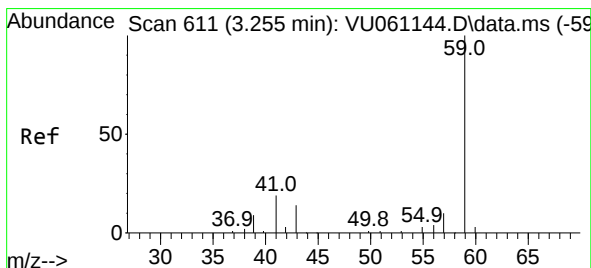
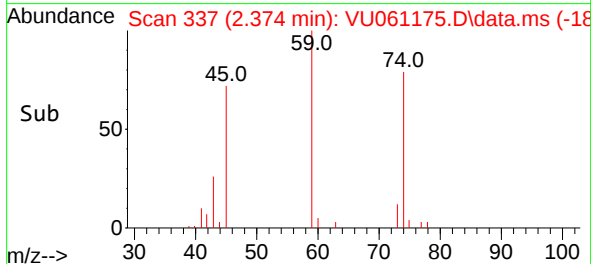
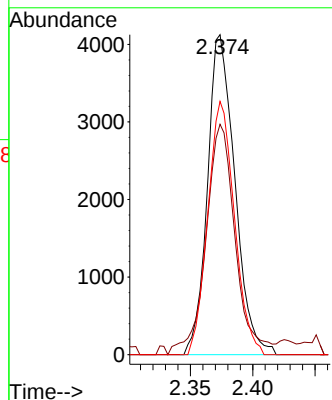
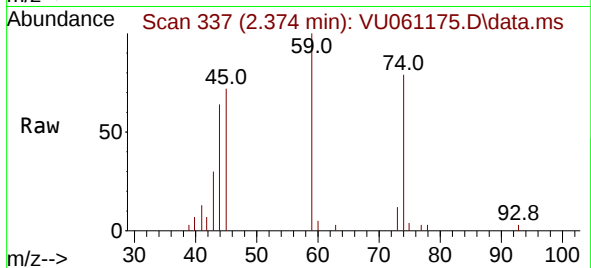
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 59 Resp: 6314
 Ion Ratio Lower Upper
 59 100
 45 76.6 52.0 78.0
 74 77.0 62.2 93.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#24

tert-Butyl Alcohol

Concen: 8.480 ug/l m

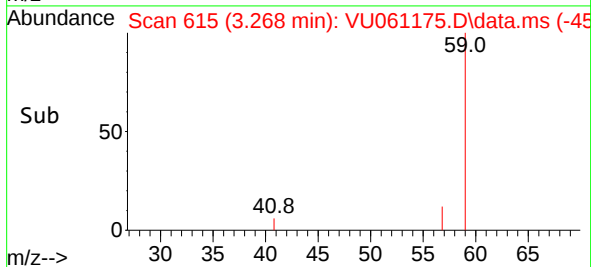
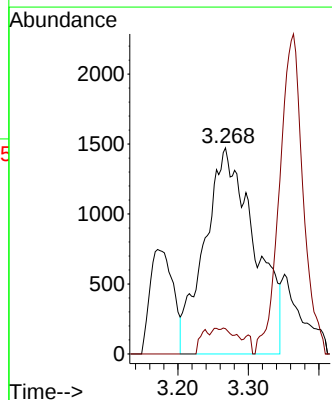
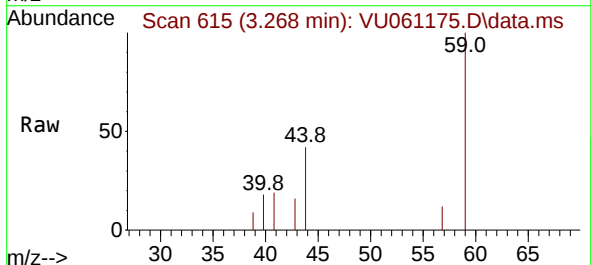
RT: 3.268 min Scan# 615

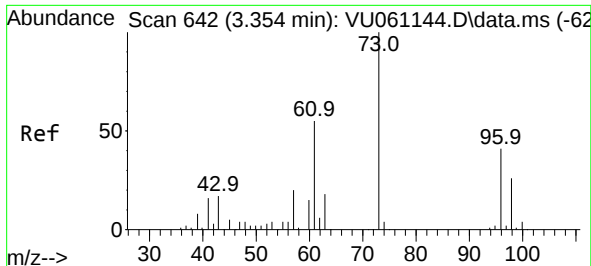
Delta R.T. 0.013 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

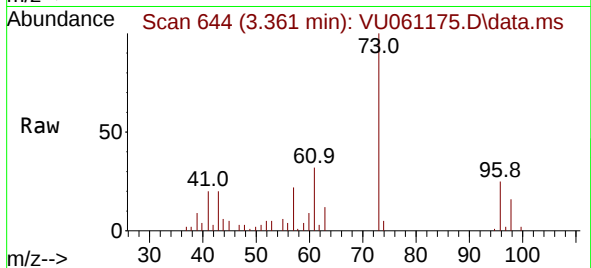
Tgt Ion: 59 Resp: 7259
 Ion Ratio Lower Upper
 59 100
 57 2.3 3.2 4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.827 ug/l
RT: 3.361 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

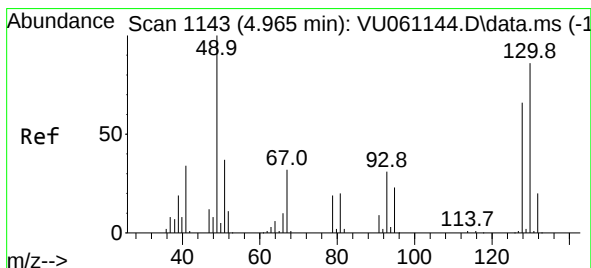
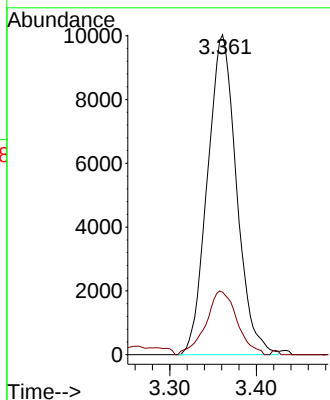
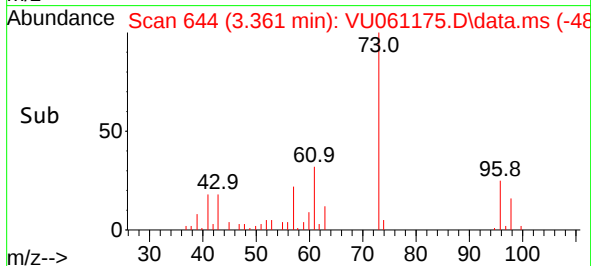
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



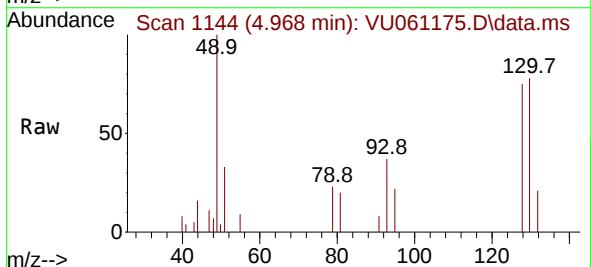
Tgt Ion: 73 Resp: 23392
Ion Ratio Lower Upper
73 100
43 21.2 14.7 22.1

Manual Integrations
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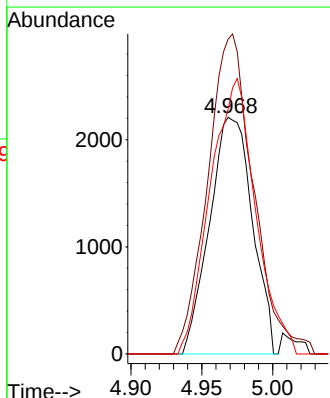
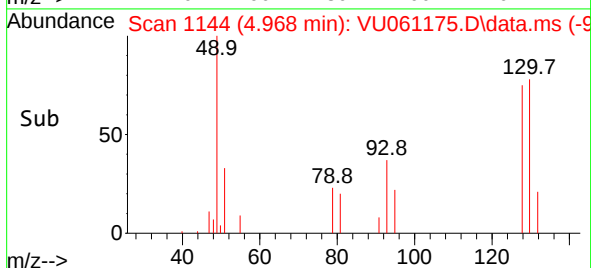
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

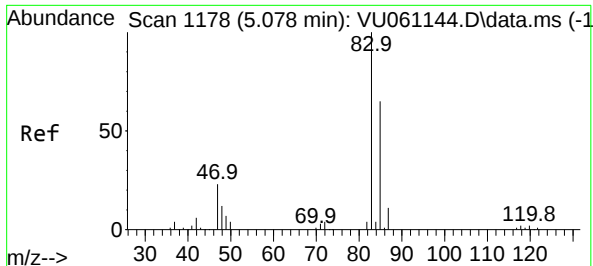


#26
Bromochloromethane
Concen: 0.823 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



Tgt Ion:128 Resp: 4642
Ion Ratio Lower Upper
128 100
49 144.7 0.0 308.8
130 123.7 105.3 157.9





#27

Chloroform

Concen: 0.834 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

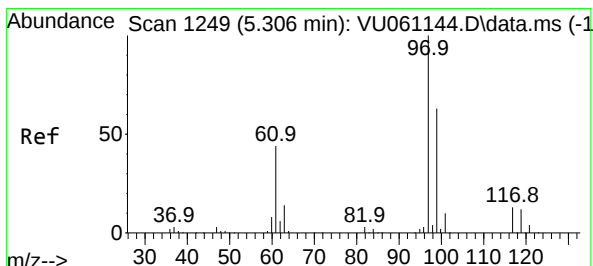
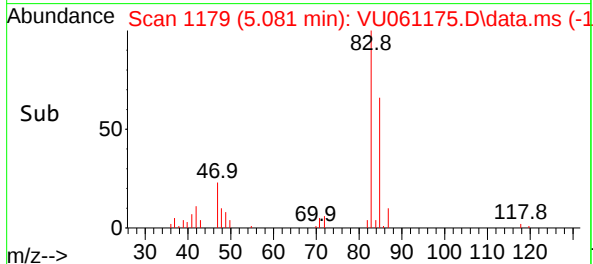
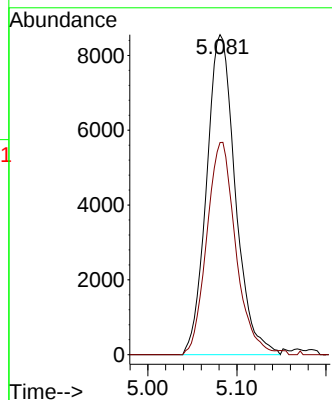
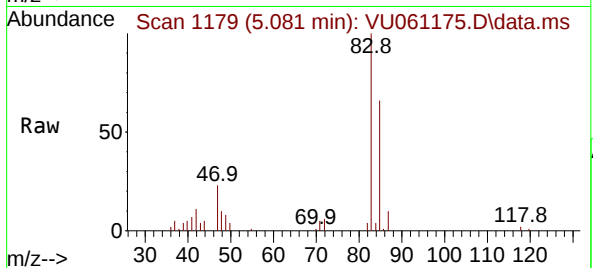
MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 1919
 Ion Ratio Lower Upper
 83 100
 85 67.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#28

1,1,1-Trichloroethane

Concen: 0.824 ug/l

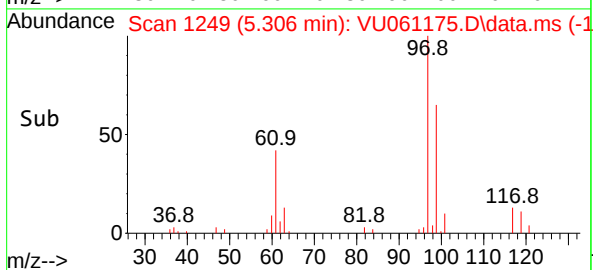
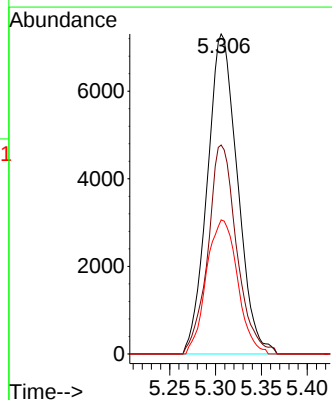
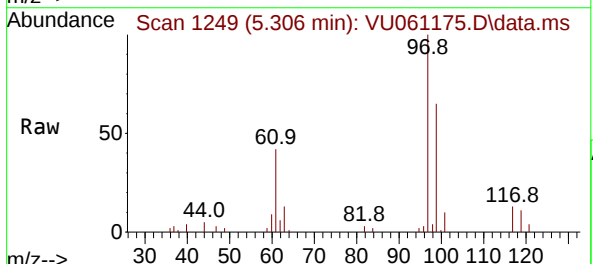
RT: 5.306 min Scan# 1249

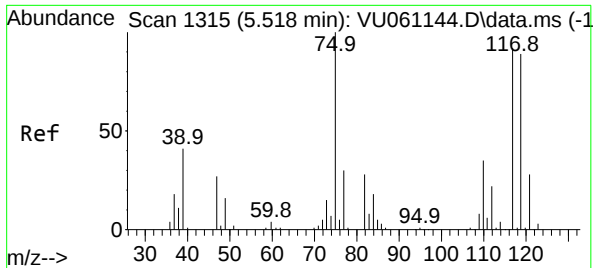
Delta R.T. -0.000 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Tgt Ion: 97 Resp: 16724
 Ion Ratio Lower Upper
 97 100
 99 62.2 31.9 95.5
 61 43.1 22.1 66.1





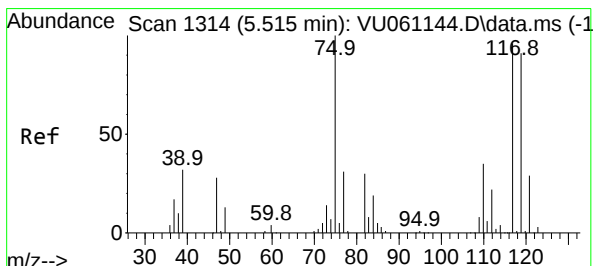
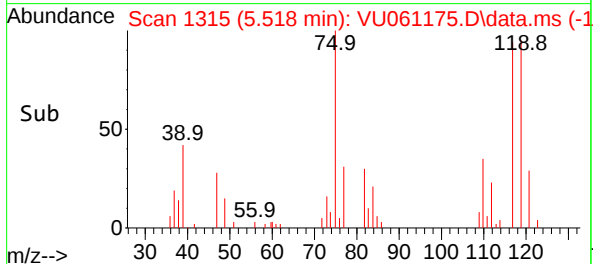
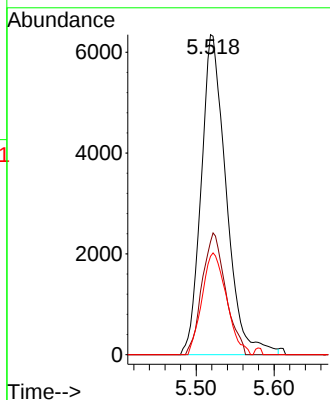
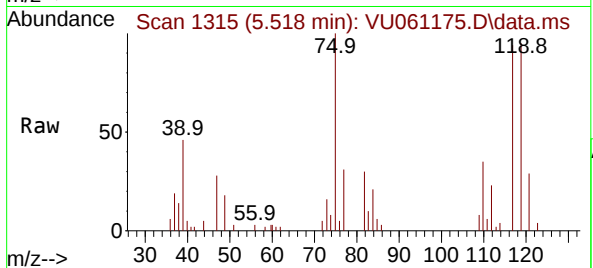
#29
1,1-Dichloropropene
Concen: 0.787 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 75 Resp: 14130
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 31.2 24.6 37.0

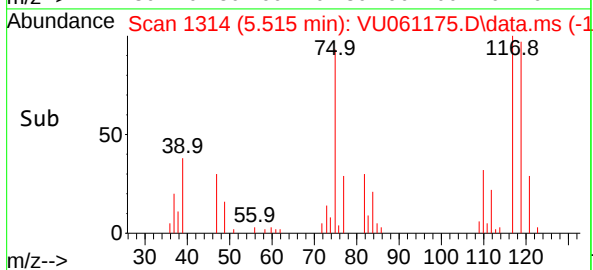
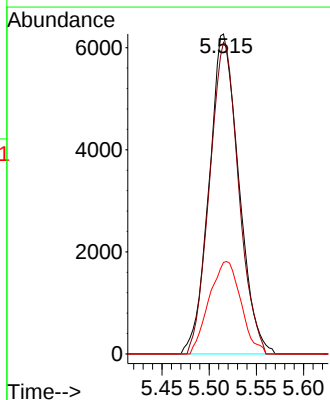
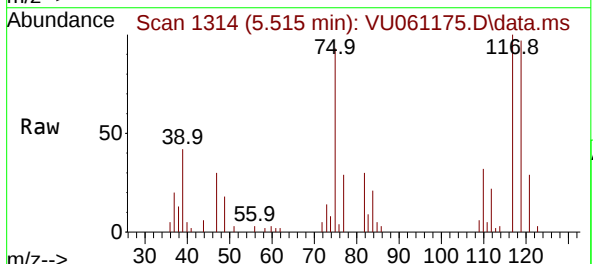
Manual Integrations
APPROVED

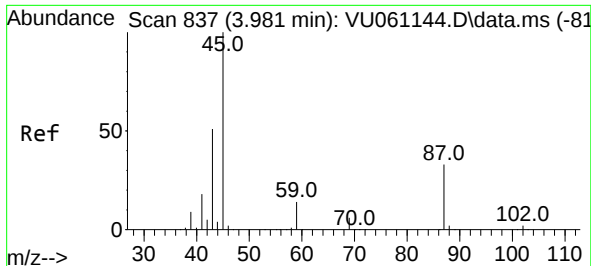
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#30
Carbon Tetrachloride
Concen: 0.777 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion:117 Resp: 13691
Ion Ratio Lower Upper
117 100
119 97.4 76.4 114.6
121 28.6 24.1 36.1





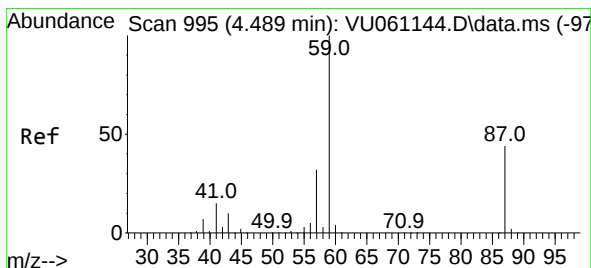
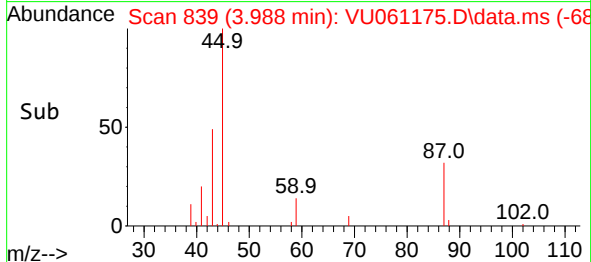
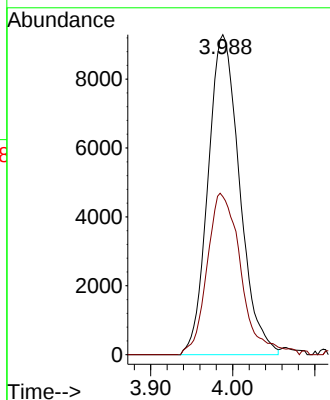
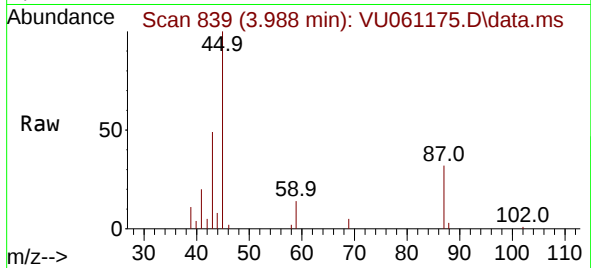
#31
Isopropyl Ether
Concen: 0.793 ug/l
RT: 3.988 min Scan# 811
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 45 Resp: 24839
Ion Ratio Lower Upper
45 100
43 54.1 25.7 77.0

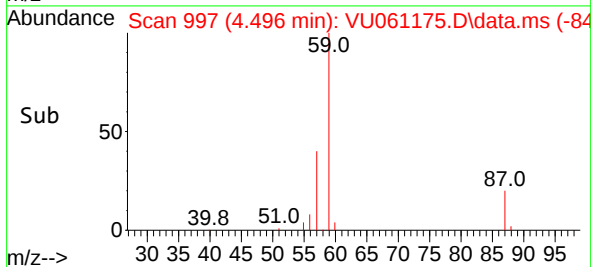
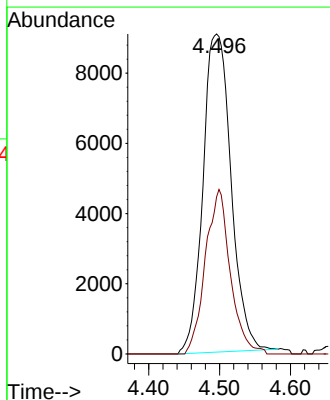
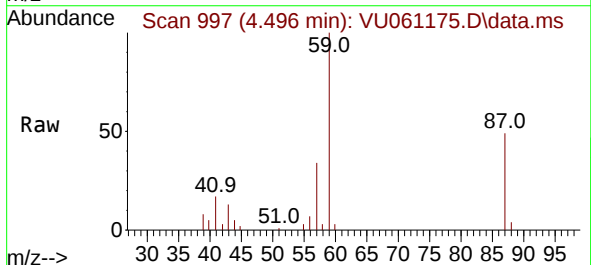
Manual Integrations
APPROVED

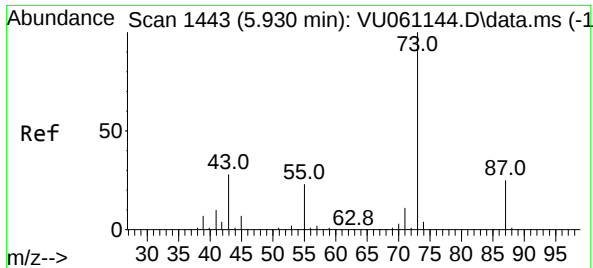
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#32
Ethyl-t-butyl ether
Concen: 0.776 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

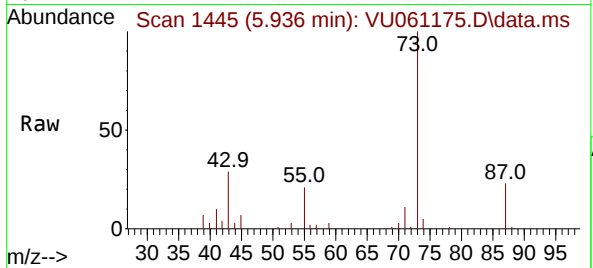
Tgt Ion: 59 Resp: 25002
Ion Ratio Lower Upper
59 100
87 45.8 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.813 ug/l
RT: 5.936 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

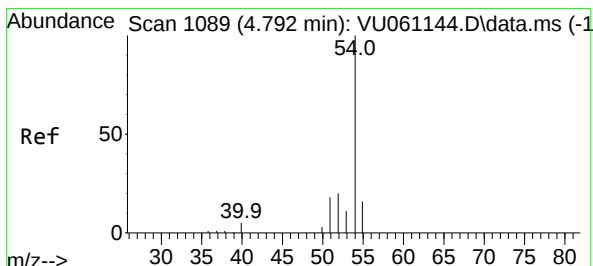
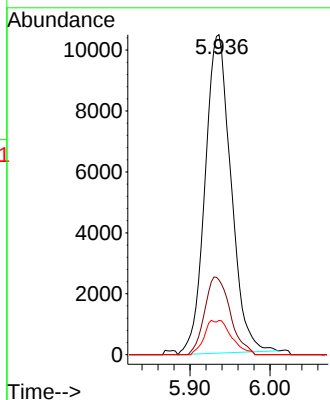
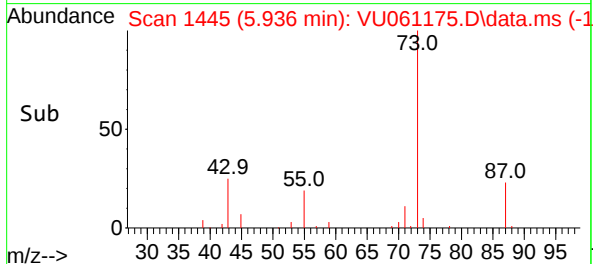
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 73 Resp: 2356
Ion Ratio Lower Upper
73 100
87 24.0 19.8 29.8
71 5.3 8.6 12.8

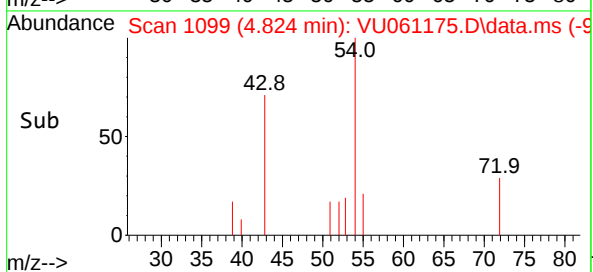
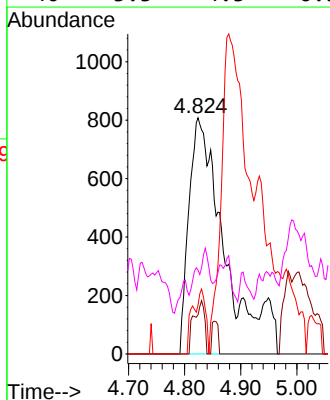
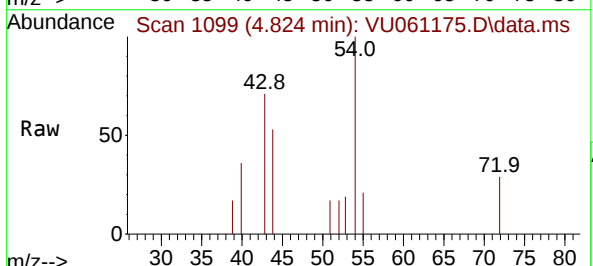
Manual Integrations
APPROVED

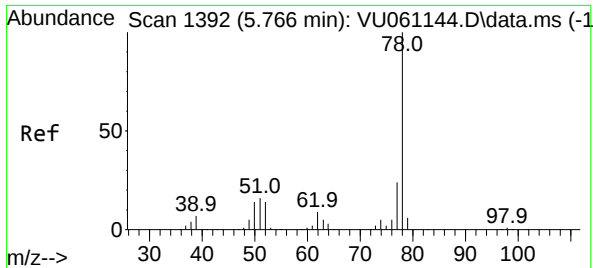
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 4.420 ug/l m
RT: 4.824 min Scan# 1099
Delta R.T. 0.032 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 54 Resp: 3576
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 4.0 9.7 14.5#
40 3.3 4.3 6.5#





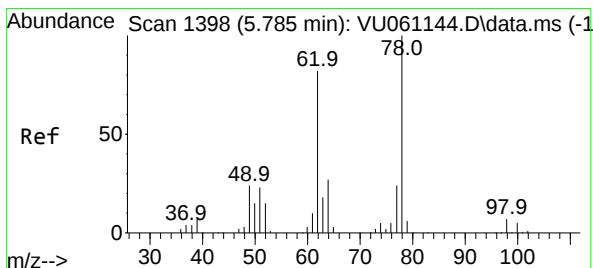
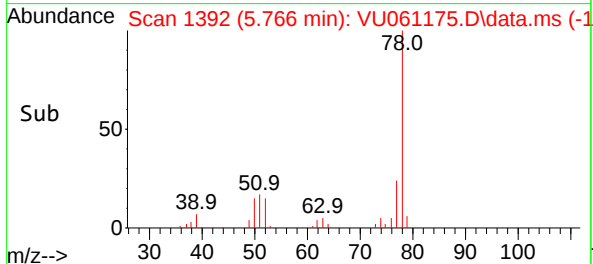
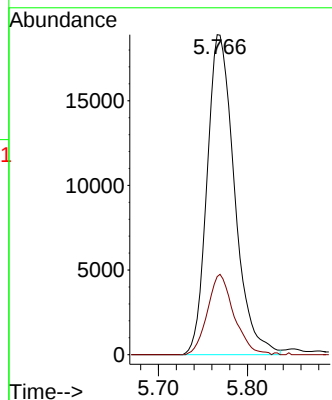
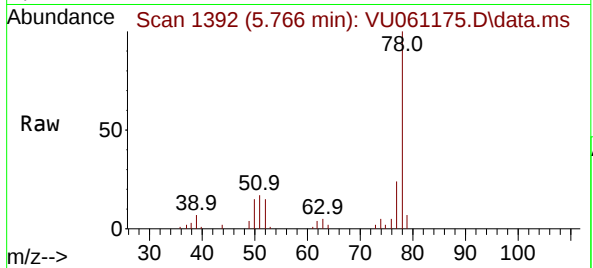
#35
Benzene
Concen: 0.800 ug/l
RT: 5.766 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 78 Resp: 40414
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

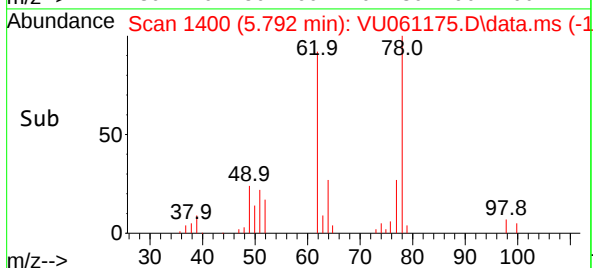
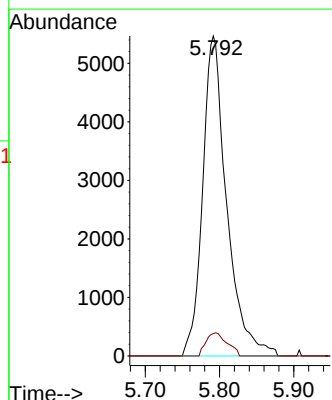
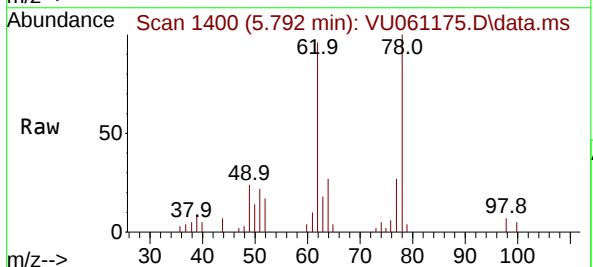
Manual Integrations
APPROVED

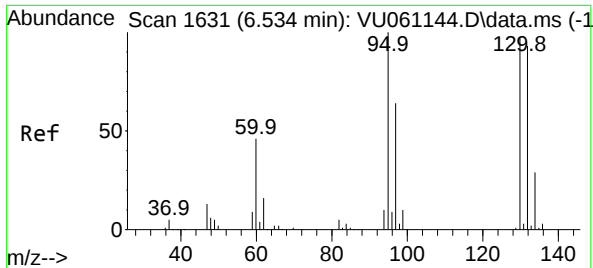
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.863 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

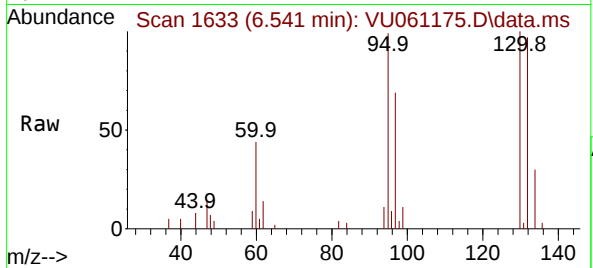
Tgt Ion: 62 Resp: 12312
Ion Ratio Lower Upper
62 100
98 6.3 7.0 10.4#





#37
Trichloroethene
Concen: 0.782 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

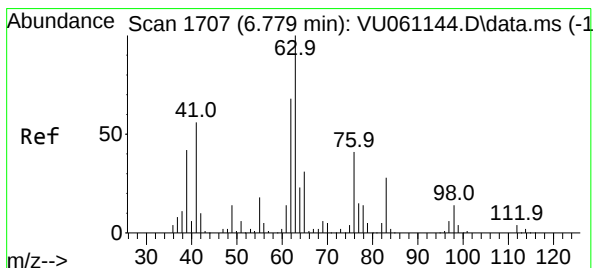
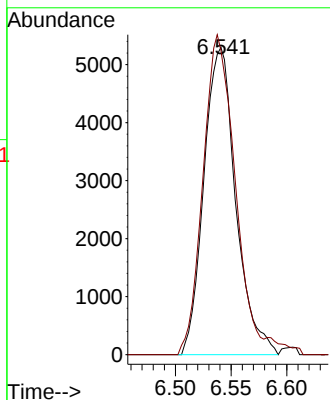
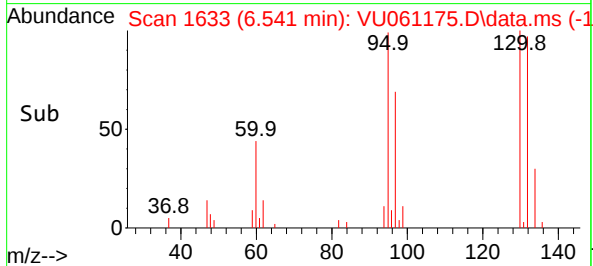
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



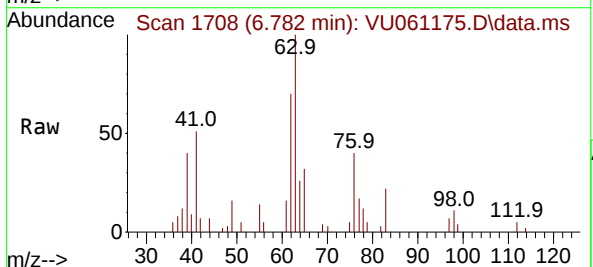
Tgt Ion:130 Resp: 10549
Ion Ratio Lower Upper
130 100
95 99.0 82.6 123.8

Manual Integrations
APPROVED

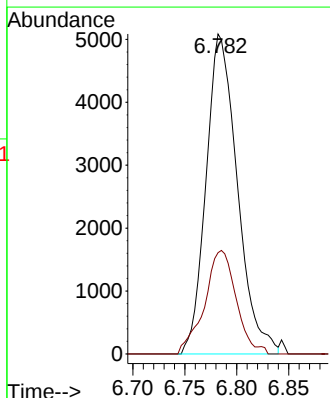
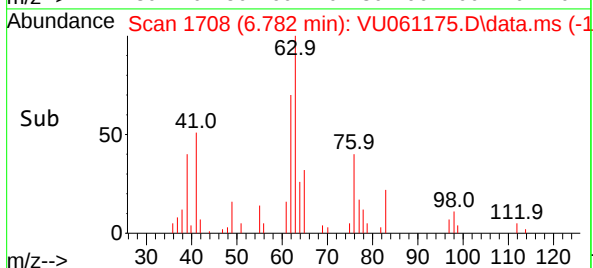
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

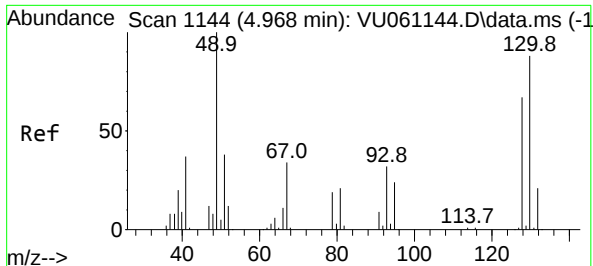


#38
1,2-Dichloropropane
Concen: 0.833 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



Tgt Ion: 63 Resp: 10652
Ion Ratio Lower Upper
63 100
65 31.6 25.0 37.6





#39

Methacrylonitrile

Concen: 0.801 ug/l

RT: 4.994 min Scan# 1152

Delta R.T. 0.026 min

Lab File: VU061175.D

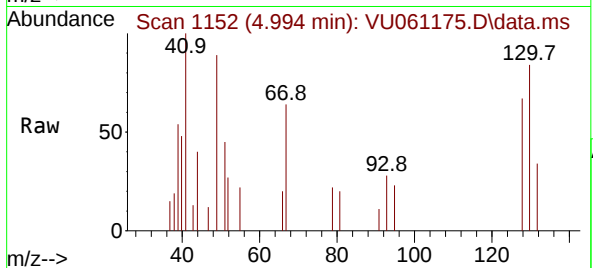
Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 233

Ion Ratio Lower Upper

41 100

67 40.0 78.1 117.1

39 60.7 44.6 67.0

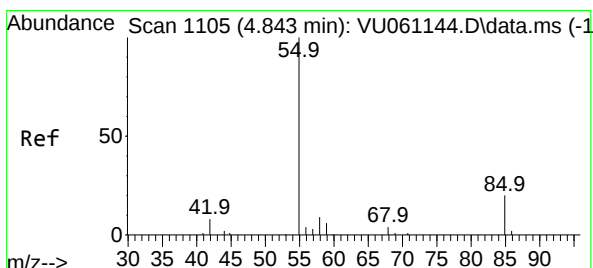
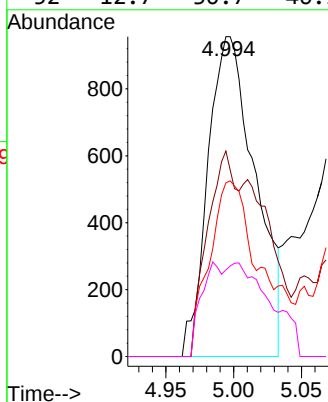
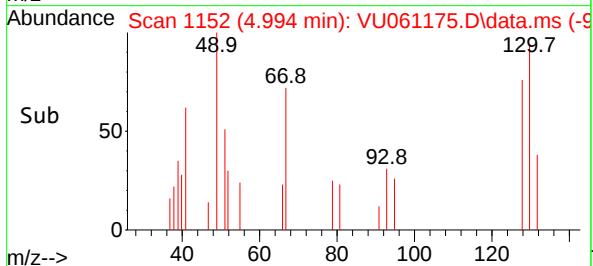
52 12.7 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#40

Methyl acrylate

Concen: 0.840 ug/l m

RT: 4.878 min Scan# 1116

Delta R.T. 0.035 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Tgt Ion: 55 Resp: 4964

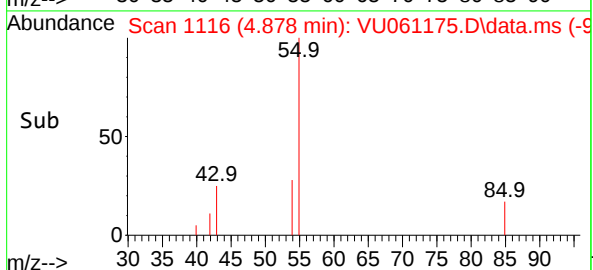
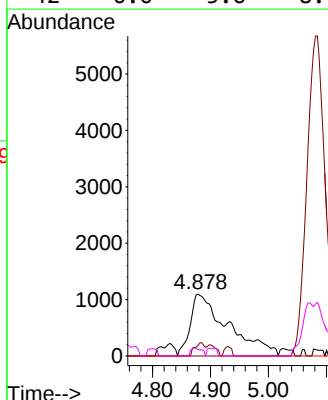
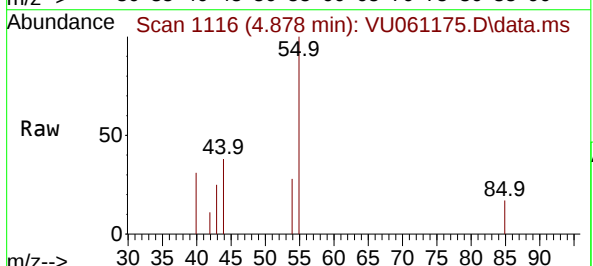
Ion Ratio Lower Upper

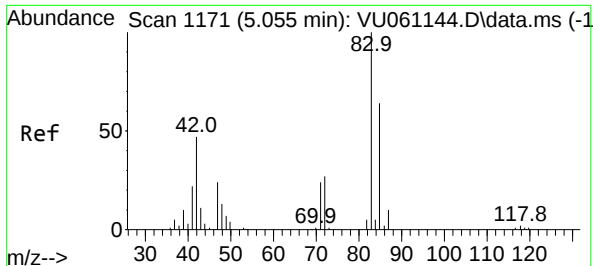
55 100

85 0.0 14.1 21.1

58 0.0 6.9 10.3

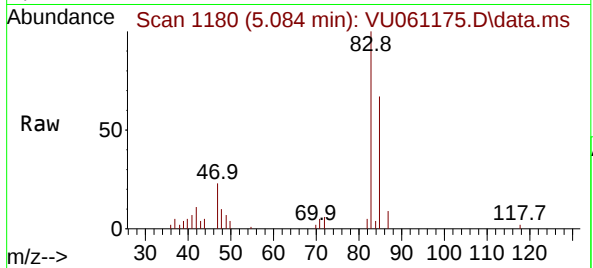
42 0.0 5.6 8.4





#41
Tetrahydrofuran
Concen: 1.662 ug/l m
RT: 5.084 min Scan# 1171
Delta R.T. 0.029 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

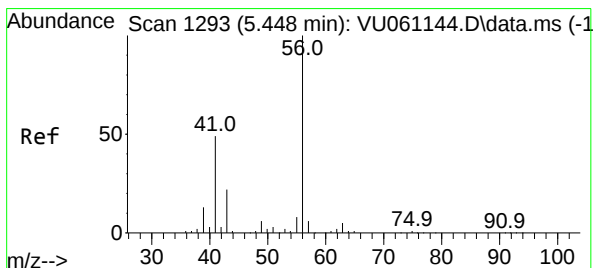
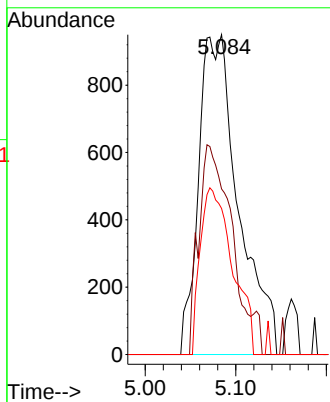
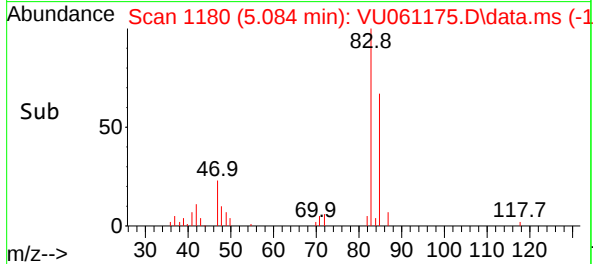
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



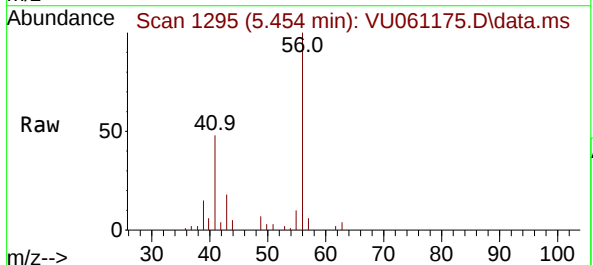
Tgt Ion: 42 Resp: 2908
Ion Ratio Lower Upper
42 100
72 52.9 47.8 71.8
71 42.2 41.5 62.3

Manual Integrations
APPROVED

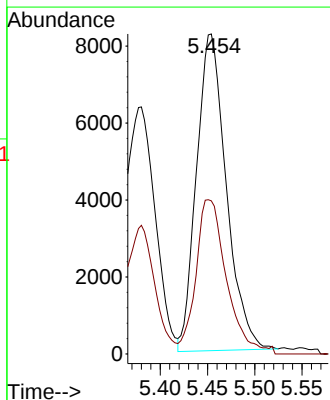
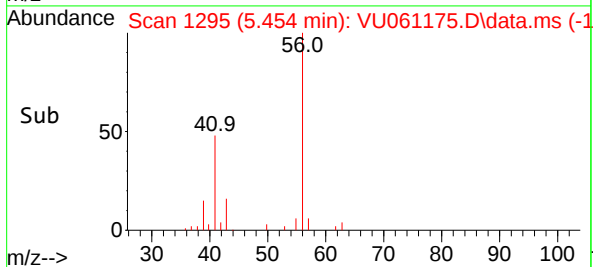
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

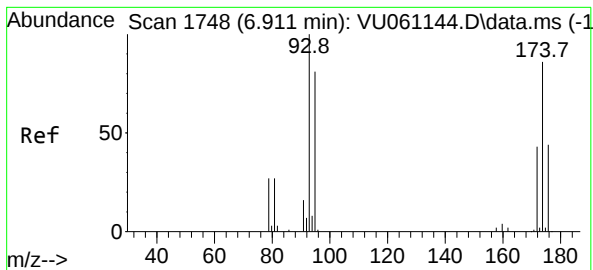


#42
1-Chlorobutane
Concen: 0.783 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



Tgt Ion: 56 Resp: 18012
Ion Ratio Lower Upper
56 100
41 50.1 23.9 71.7





#43

Dibromomethane

Concen: 0.814 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

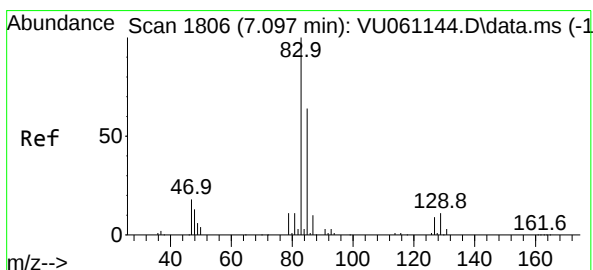
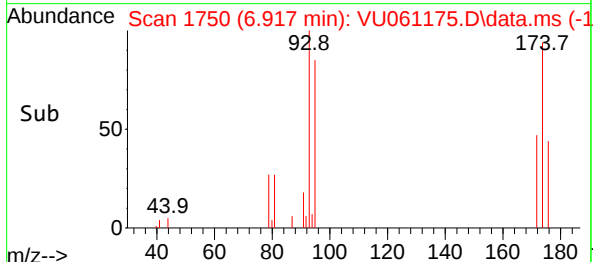
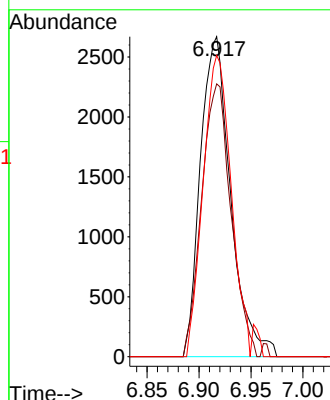
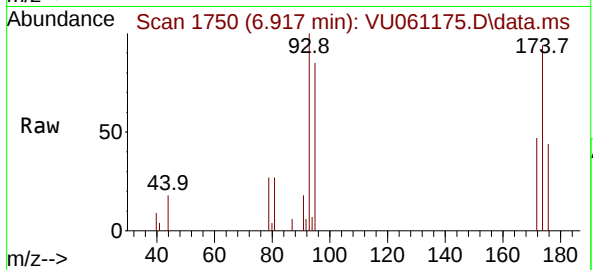
MDL-WATER-03-QT4-2024

Tgt Ion:	93	Resp:	5400
Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.5	101.3
174	87.0	71.2	106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#44

Bromodichloromethane

Concen: 0.818 ug/l

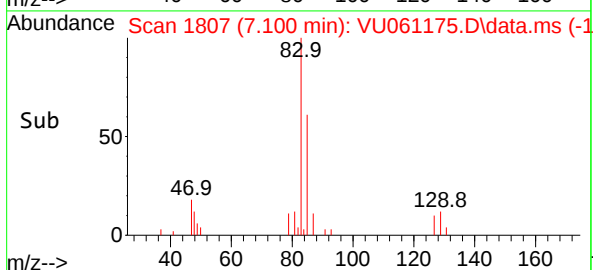
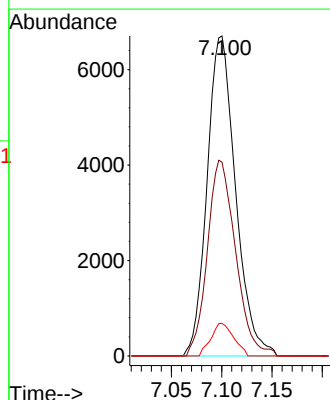
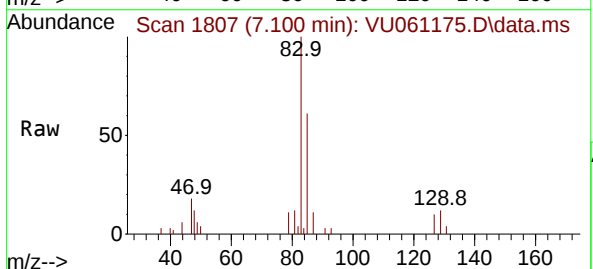
RT: 7.100 min Scan# 1807

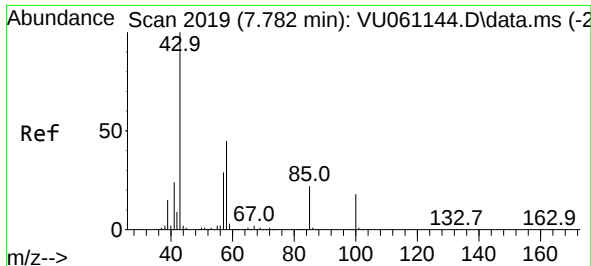
Delta R.T. 0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

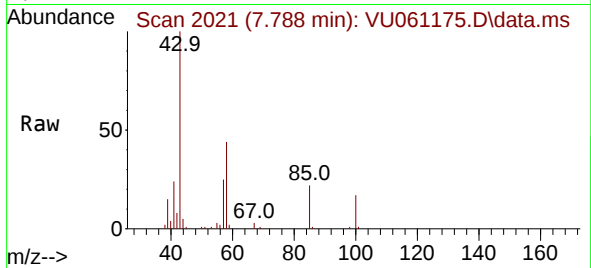
Tgt Ion:	83	Resp:	13199
Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.4	77.2
127	10.2	7.4	11.2





#45
4-Methyl-2-Pentanone
Concen: 3.973 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

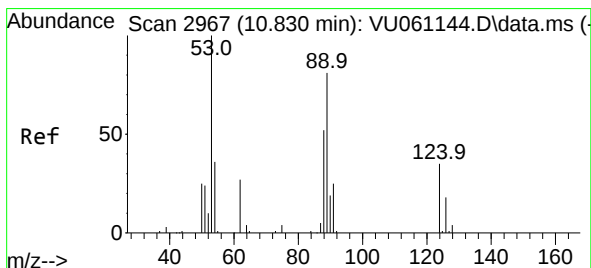
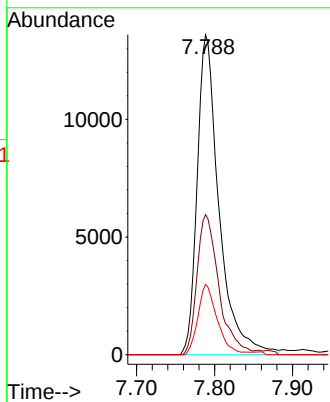
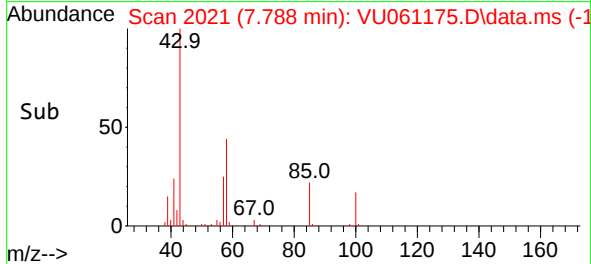
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 2645
Ion Ratio Lower Upper
43 100
58 43.8 22.2 66.6
85 19.6 17.2 25.8

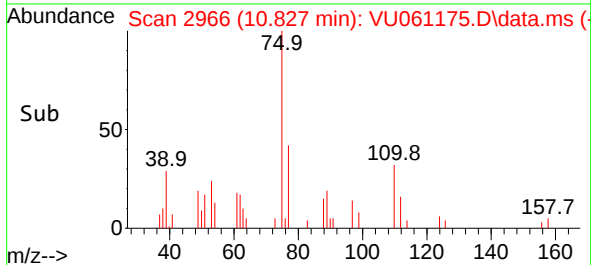
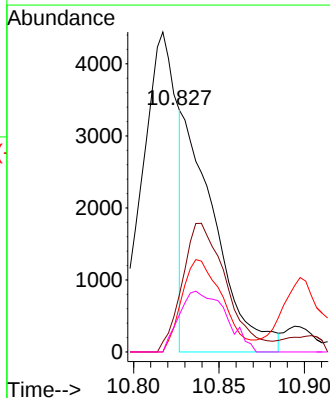
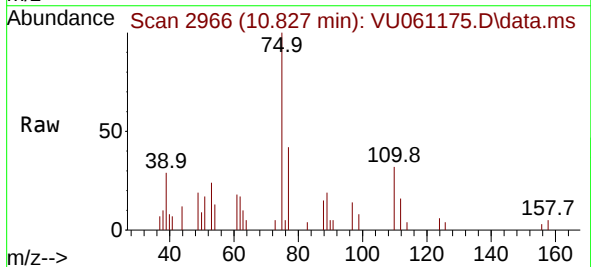
Manual Integrations
APPROVED

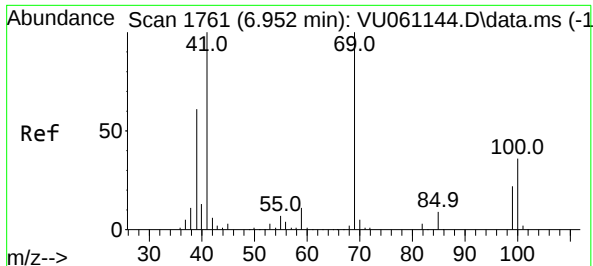
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#46
t-1,4-Dichloro-2-butene
Concen: 1.676 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 75 Resp: 4449
Ion Ratio Lower Upper
75 100
53 72.4 66.0 99.0
89 48.7 48.0 72.0
88 35.9 35.7 53.5





#47

Methyl methacrylate

Concen: 1.544 ug/l

RT: 6.962 min Scan# 1761

Delta R.T. 0.010 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

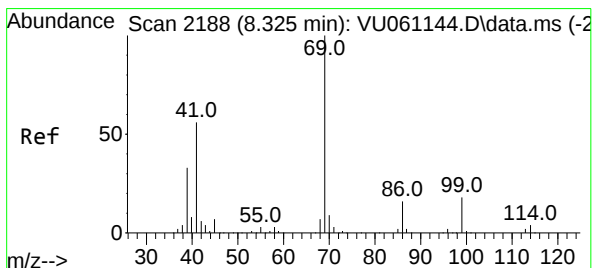
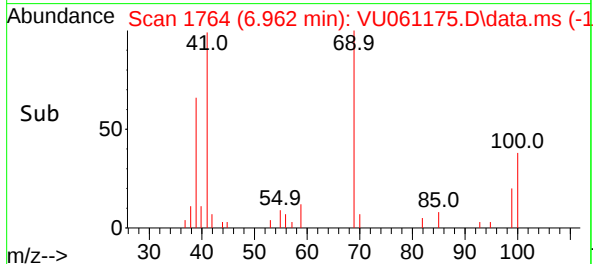
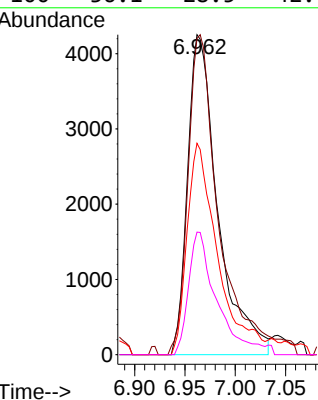
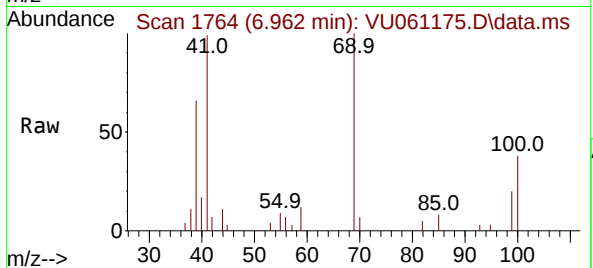
MDL-WATER-03-QT4-2024

Tgt Ion:	69	Resp:	889
Ion	Ratio	Lower	Upper
69	100		
41	103.2	0.0	196.0
39	66.7	48.0	72.0
100	36.1	28.5	42.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#48

Ethyl methacrylate

Concen: 0.805 ug/l

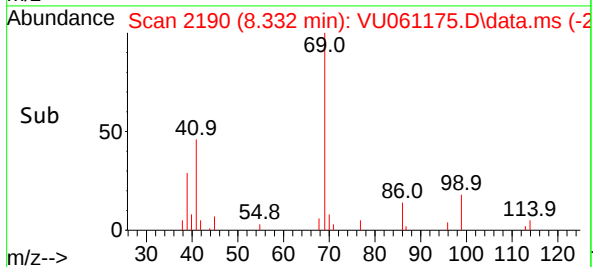
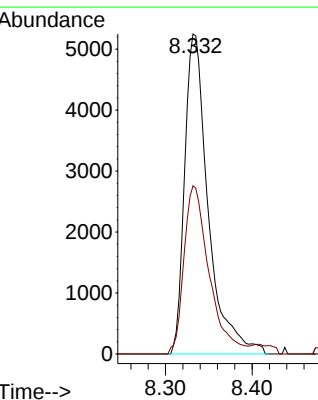
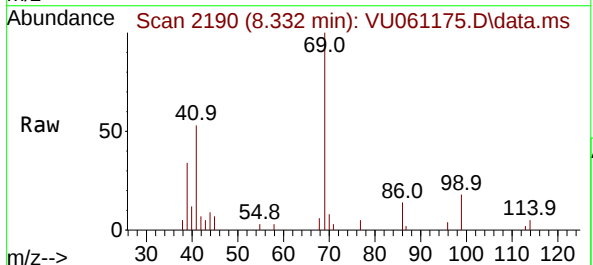
RT: 8.332 min Scan# 2190

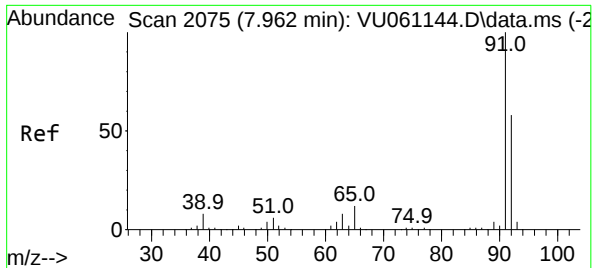
Delta R.T. 0.006 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Tgt Ion:	69	Resp:	9899
Ion	Ratio	Lower	Upper
69	100		
41	56.4	28.1	84.3





#49

Toluene

Concen: 0.842 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 92 Resp: 2687

Ion Ratio Lower Upper

92 100

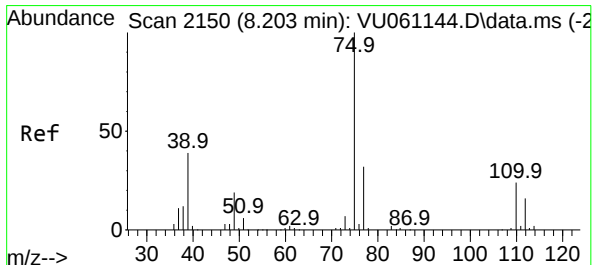
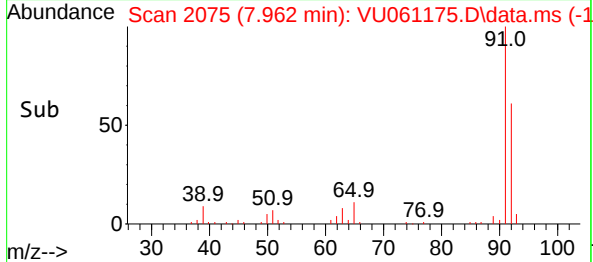
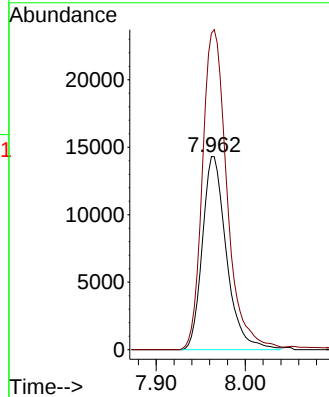
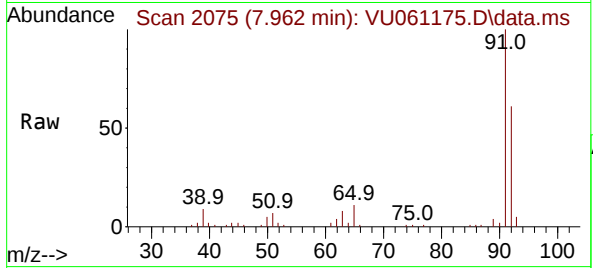
91 169.6 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 0.767 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061175.D

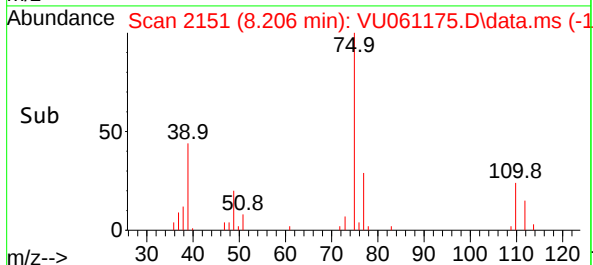
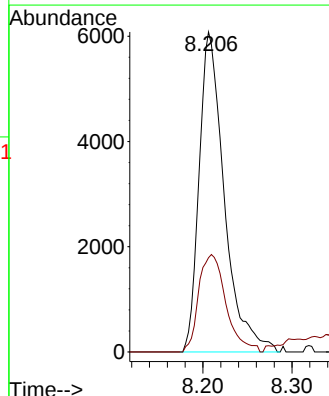
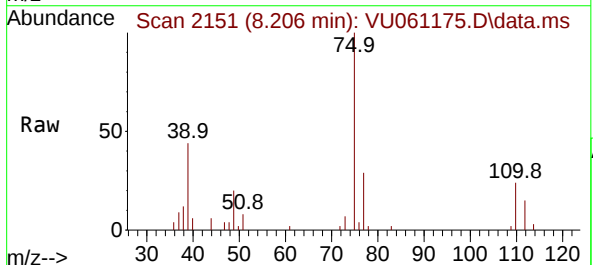
Acq: 21 Oct 2024 16:31

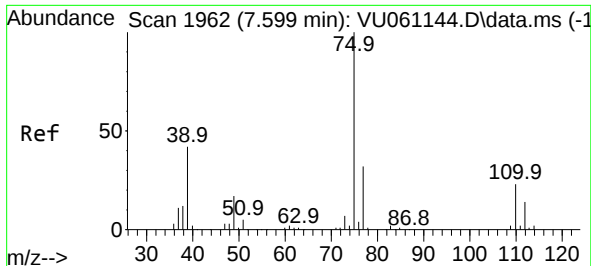
Tgt Ion: 75 Resp: 11930

Ion Ratio Lower Upper

75 100

77 29.5 25.9 38.9





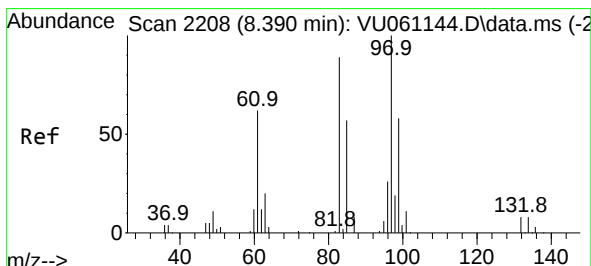
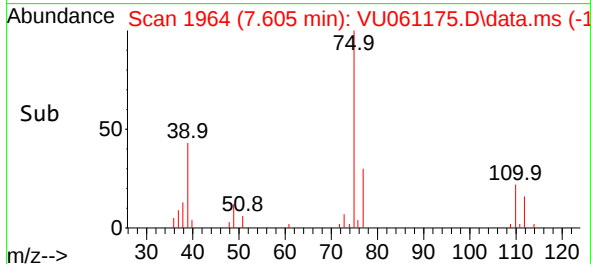
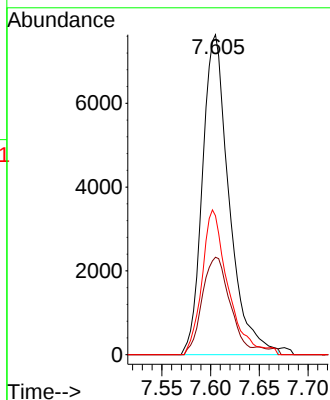
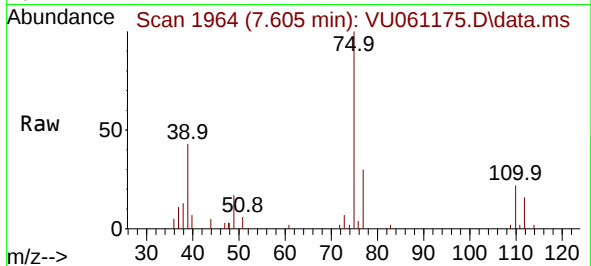
#51
 cis-1,3-Dichloropropene
 Concen: 0.761 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 75 Resp: 14520
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.8
 39 43.4 33.7 50.5

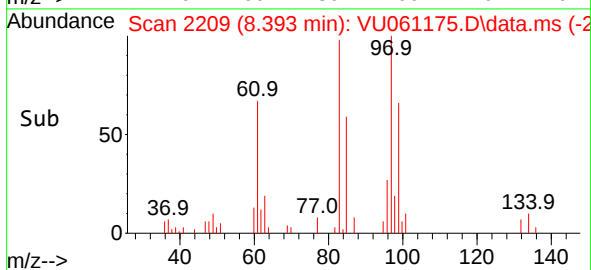
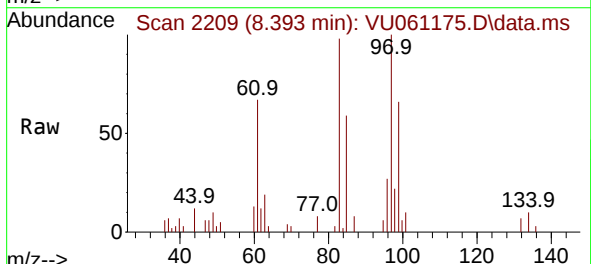
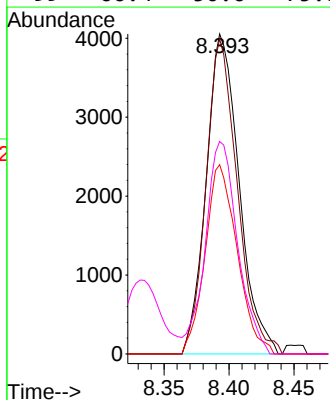
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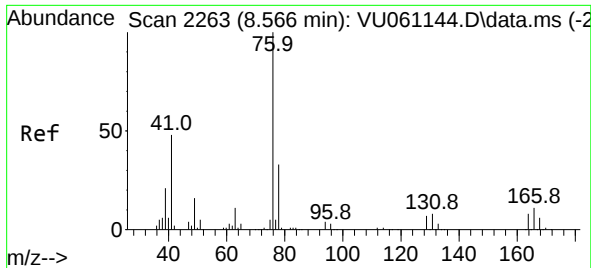
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.798 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31

Tgt Ion: 97 Resp: 7139
 Ion Ratio Lower Upper
 97 100
 83 98.4 71.0 106.4
 85 59.1 46.1 69.1
 99 66.4 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.828 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 76 Resp: 13008

Ion Ratio Lower Upper

76 100

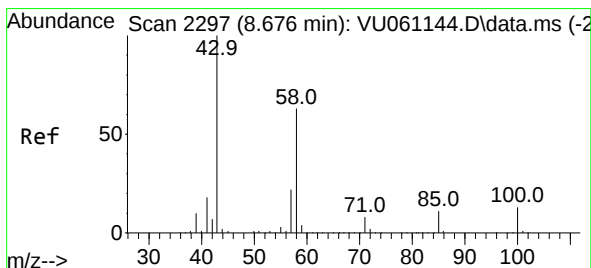
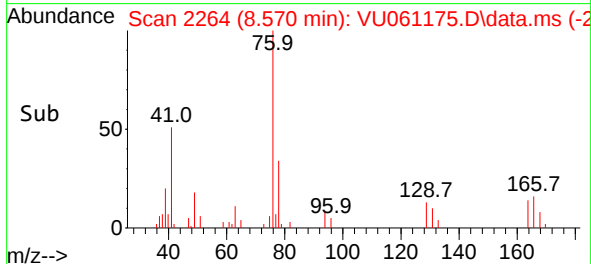
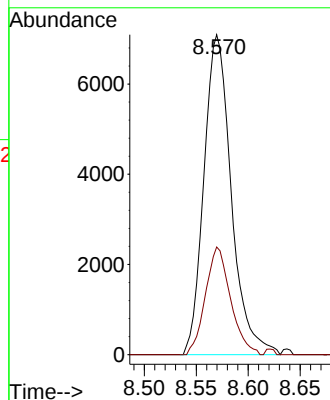
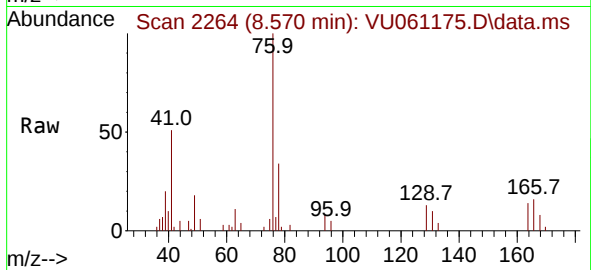
78 30.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#54

2-Hexanone

Concen: 3.521 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.013 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

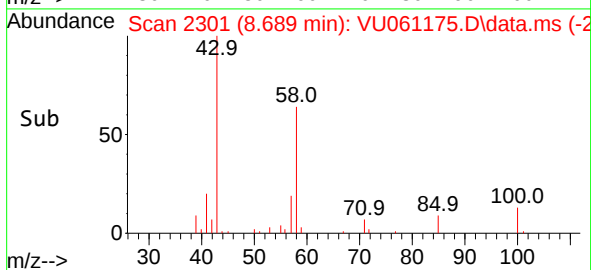
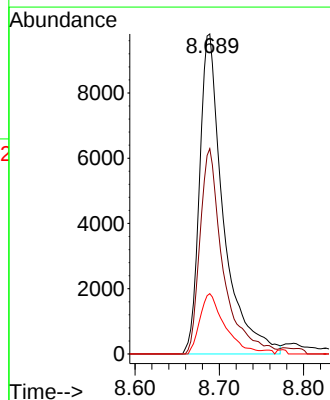
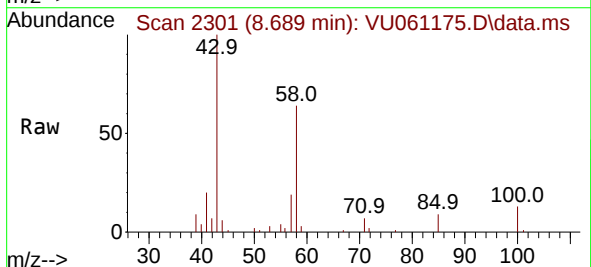
Tgt Ion: 43 Resp: 19264

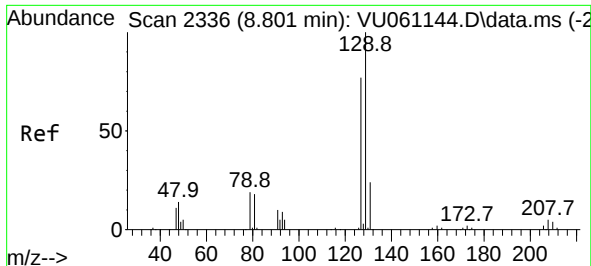
Ion Ratio Lower Upper

43 100

58 62.3 41.8 81.8

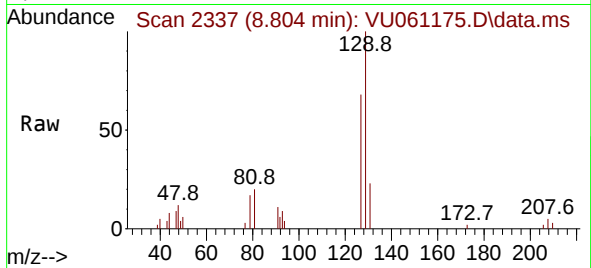
57 19.7 1.4 41.4





#55
Dibromochloromethane
Concen: 0.799 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

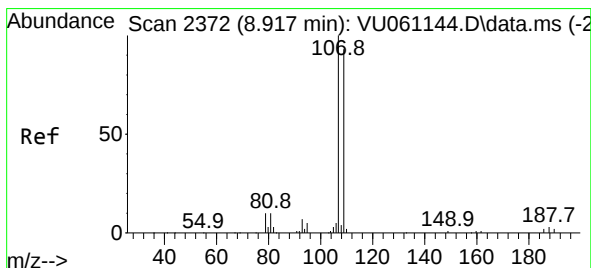
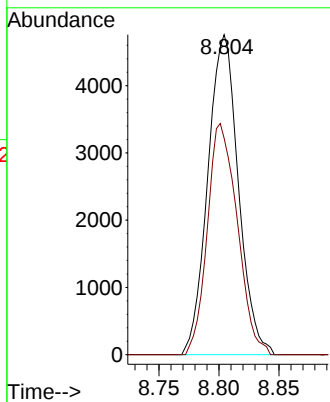
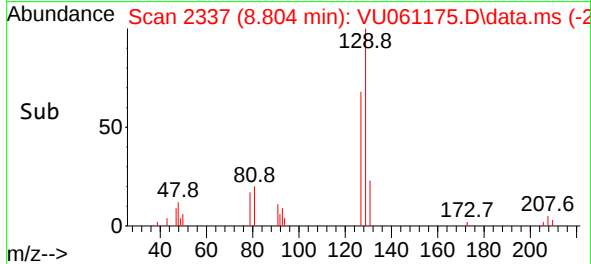
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:129 Resp: 8436
Ion Ratio Lower Upper
129 100
127 70.7 61.9 92.9

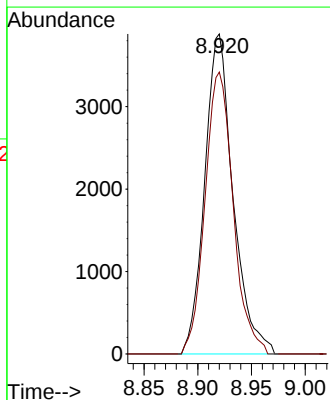
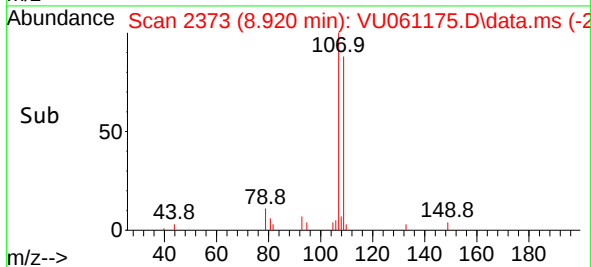
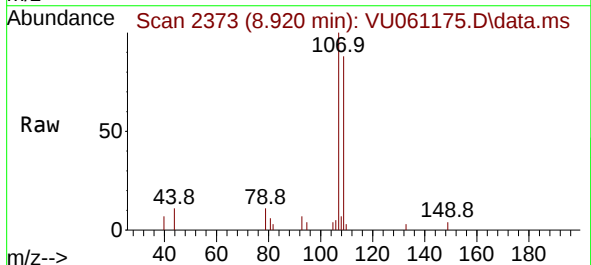
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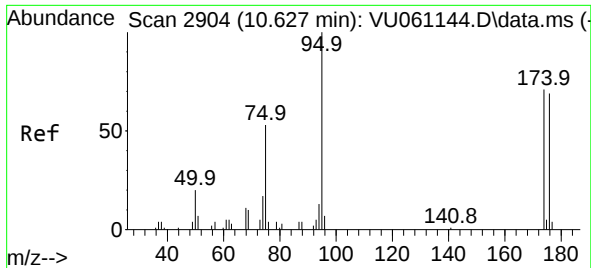
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#56
1,2-Dibromoethane
Concen: 0.832 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

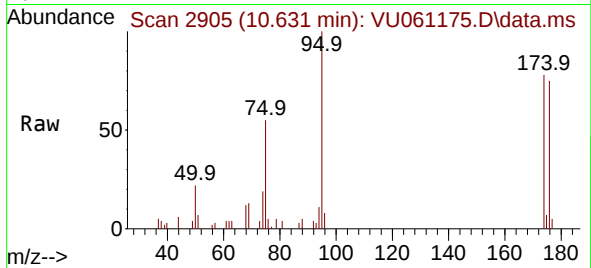
Tgt Ion:107 Resp: 7139
Ion Ratio Lower Upper
107 100
109 87.3 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.941 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

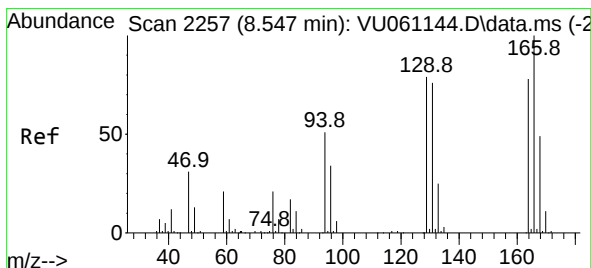
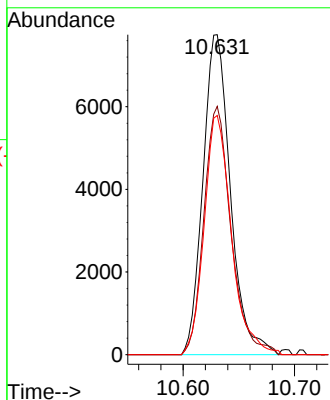
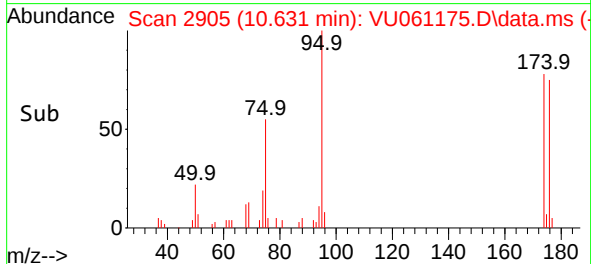
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 95 Resp: 13302
Ion Ratio Lower Upper
95 100
174 76.4 55.4 83.0
176 74.2 54.4 81.6

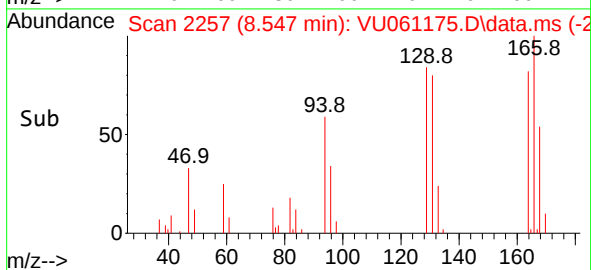
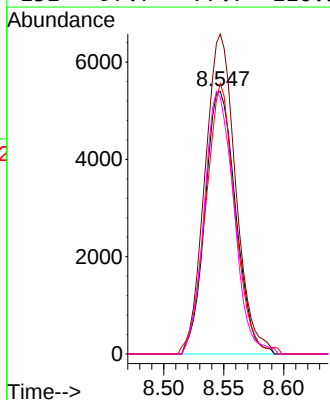
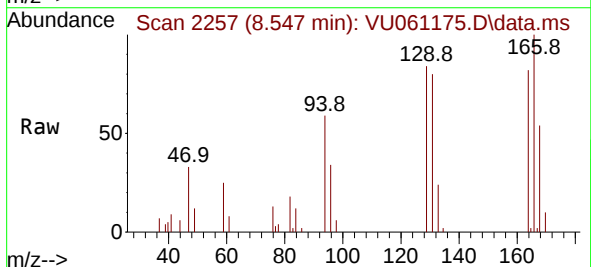
Manual Integrations
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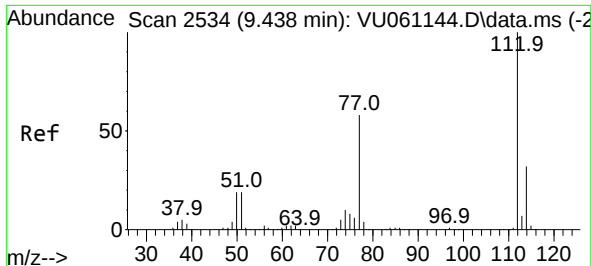
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#58
Tetrachloroethene
Concen: 0.839 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

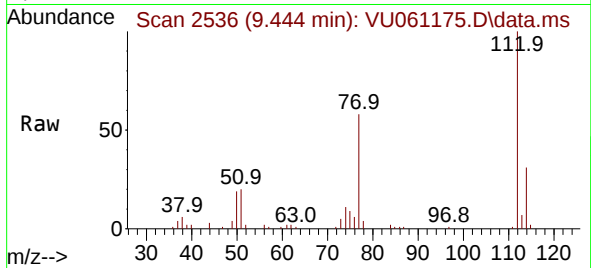
Tgt Ion:164 Resp: 9589
Ion Ratio Lower Upper
164 100
166 121.8 102.1 153.1
129 102.9 80.6 120.8
131 97.7 77.7 116.5





#59
Chlorobenzene
Concen: 0.809 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

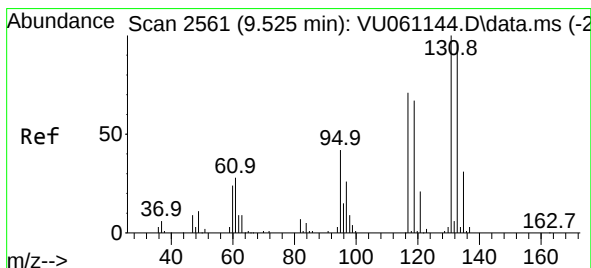
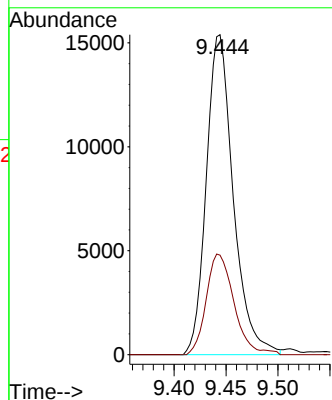
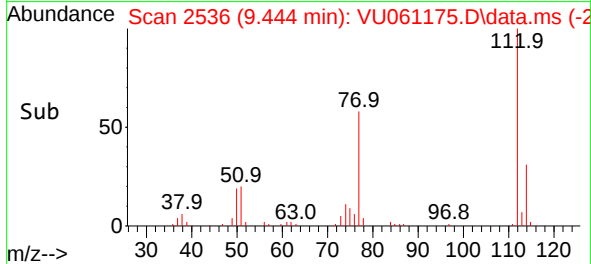
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:112 Resp: 2780
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

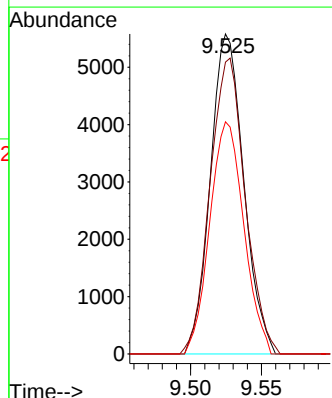
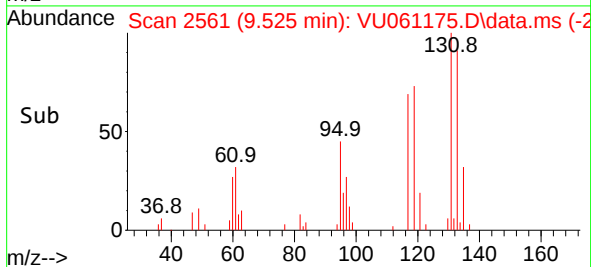
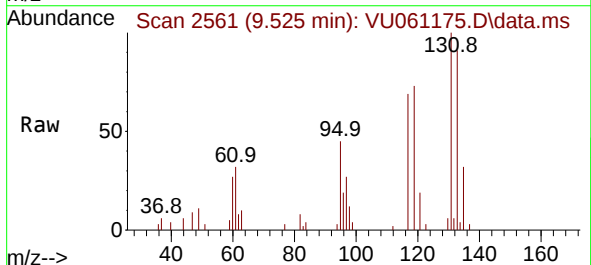
Manual Integrations
APPROVED

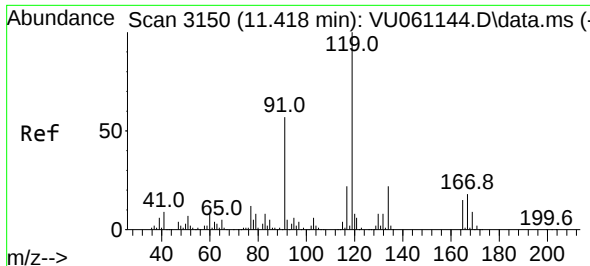
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.787 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion:131 Resp: 9127
Ion Ratio Lower Upper
131 100
133 97.4 76.8 115.2
119 74.1 54.2 81.2





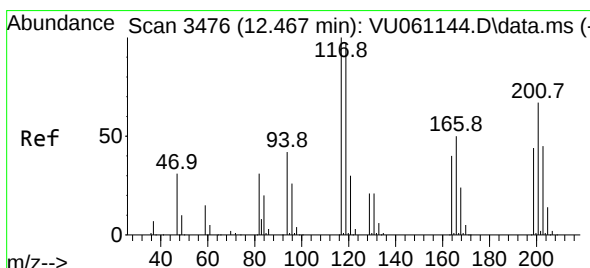
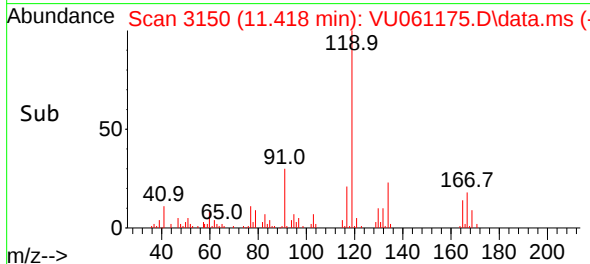
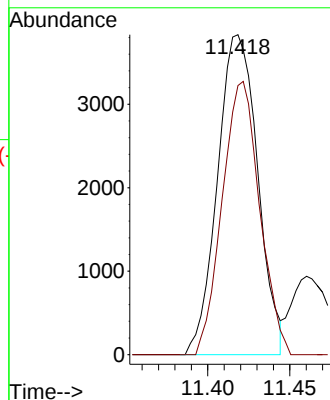
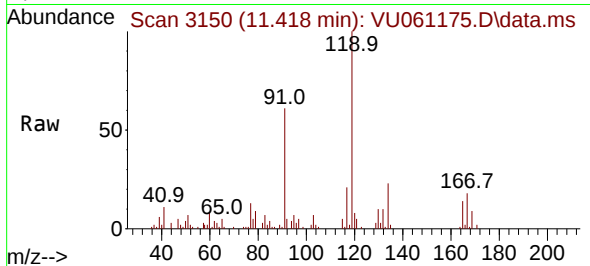
#61
Pentachloroethane
Concen: 0.735 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:117 Resp: 6520
Ion Ratio Lower Upper
117 100
167 79.4 63.4 95.2

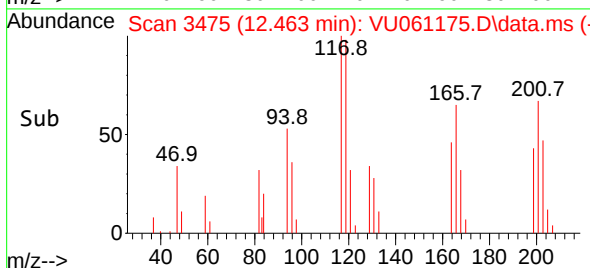
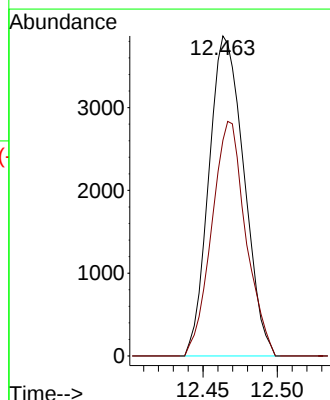
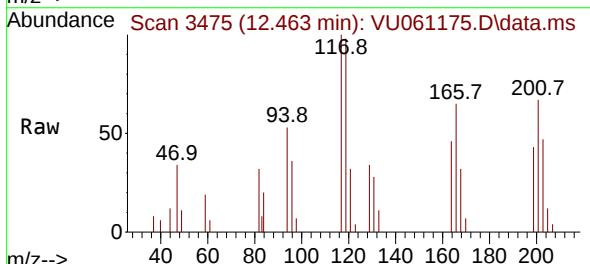
Manual Integrations
APPROVED

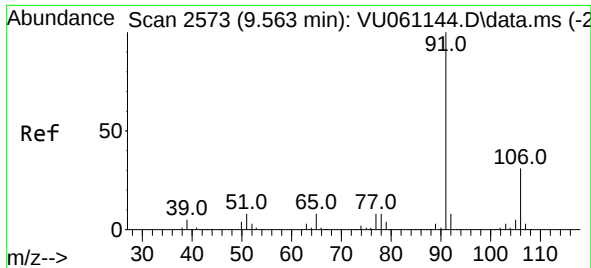
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#62
Hexachloroethane
Concen: 0.693 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion:117 Resp: 6333
Ion Ratio Lower Upper
117 100
201 71.4 54.3 81.5





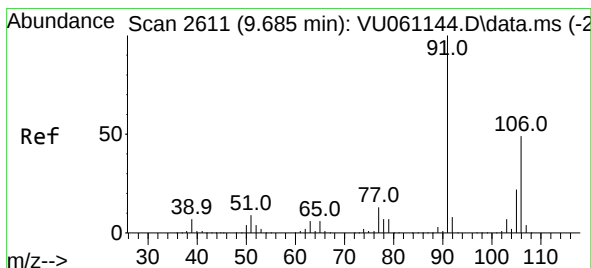
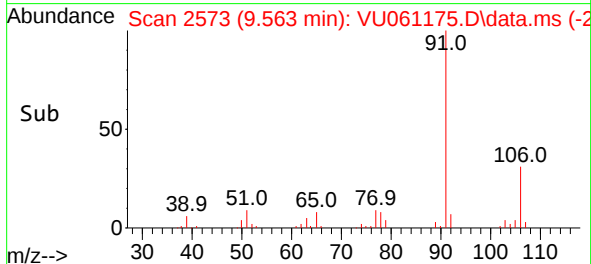
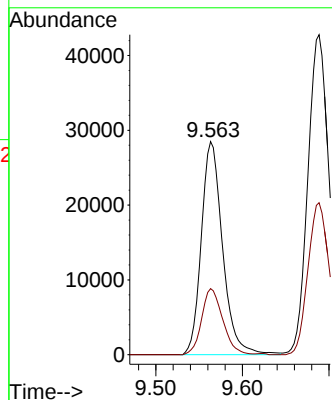
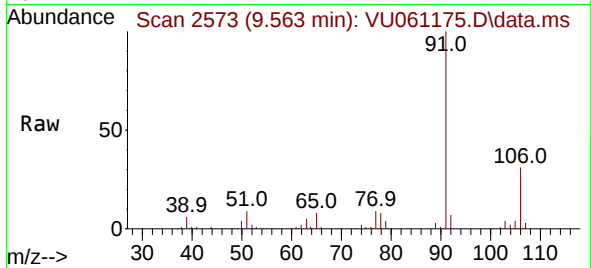
#63
Ethyl Benzene
Concen: 0.790 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 91 Resp: 48660
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0

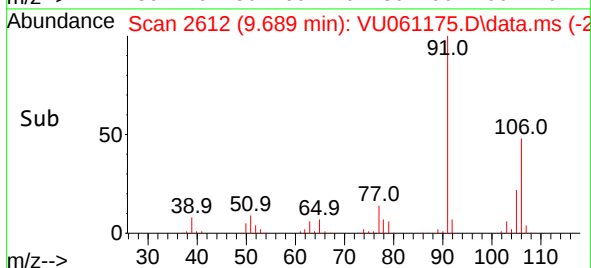
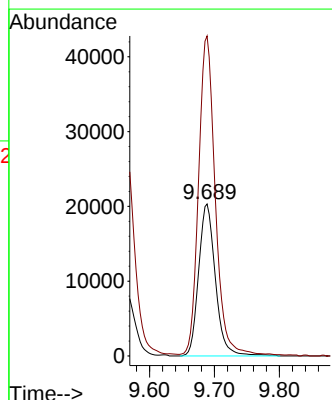
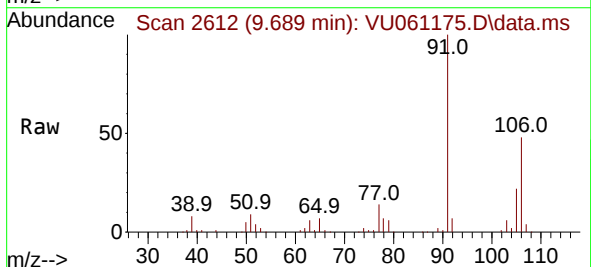
Manual Integrations
APPROVED

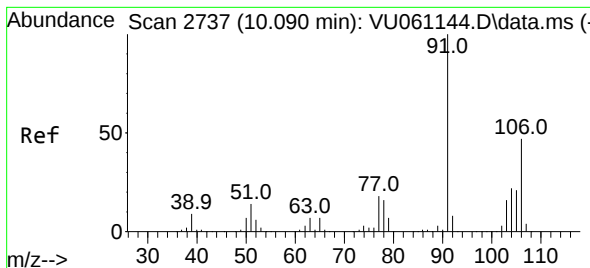
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#64
m/p-Xylenes
Concen: 1.563 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion:106 Resp: 36633
Ion Ratio Lower Upper
106 100
91 208.4 163.3 244.9





#65

o-Xylene

Concen: 0.785 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:106 Resp: 1812

Ion Ratio Lower Upper

106 100

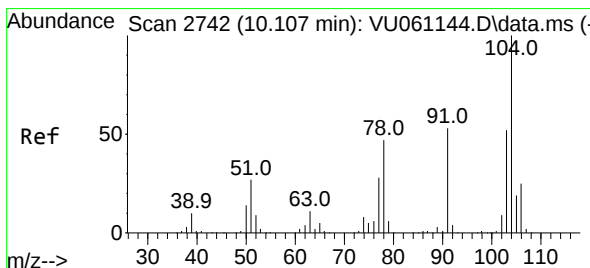
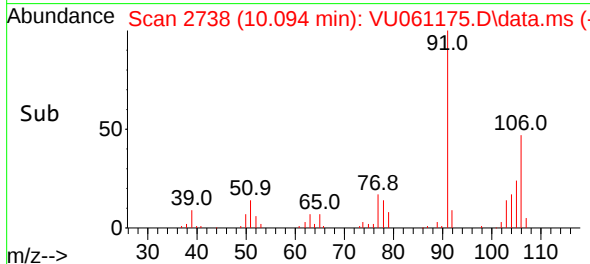
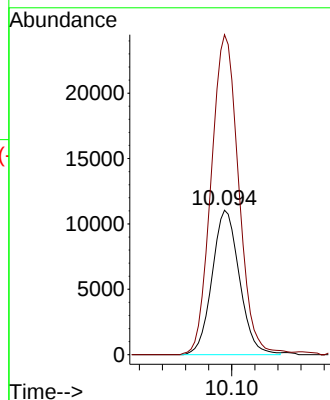
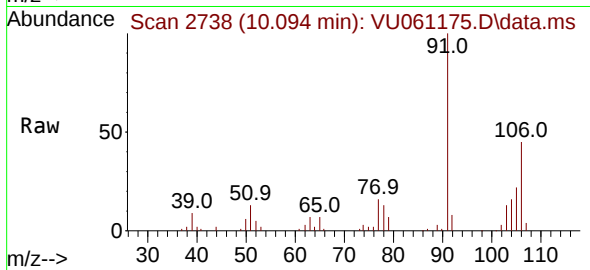
91 222.9 106.9 320.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#66

Styrene

Concen: 0.762 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

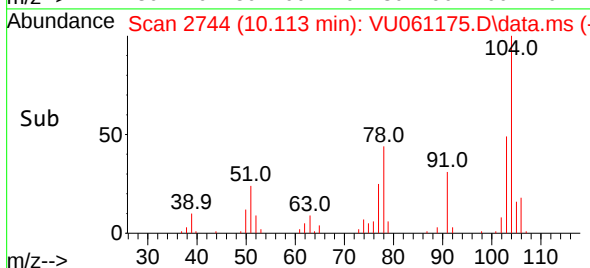
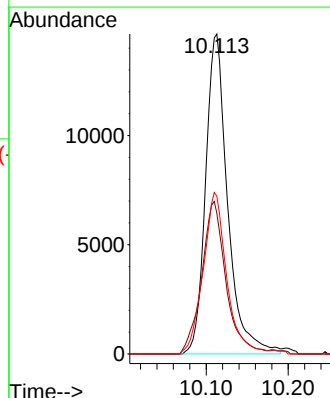
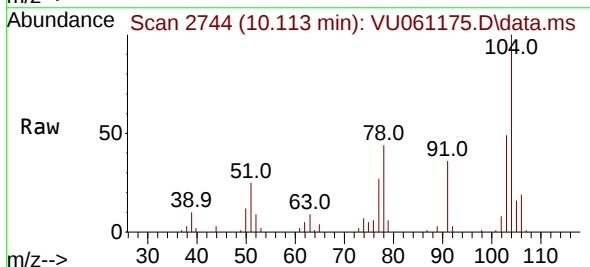
Tgt Ion:104 Resp: 27363

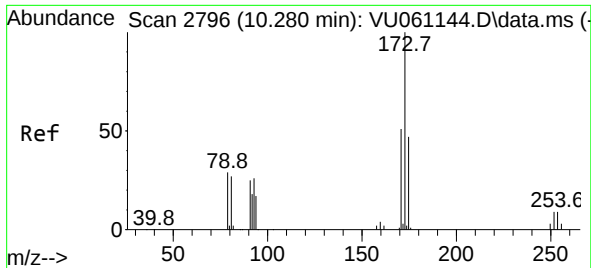
Ion Ratio Lower Upper

104 100

78 52.3 41.6 62.4

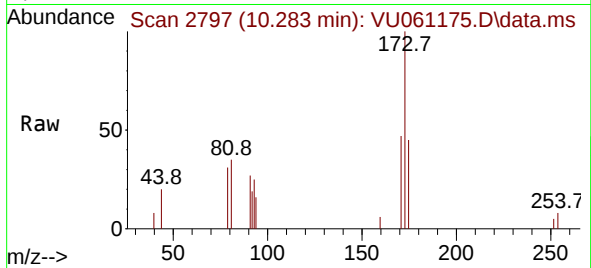
103 54.0 45.0 67.6





#67
Bromoform
Concen: 0.764 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

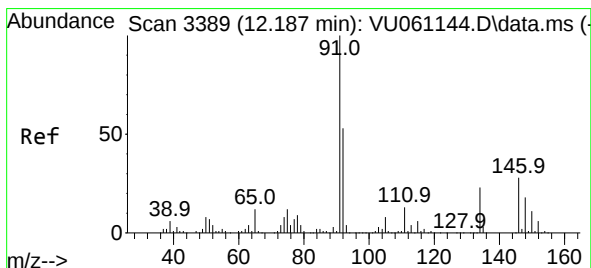
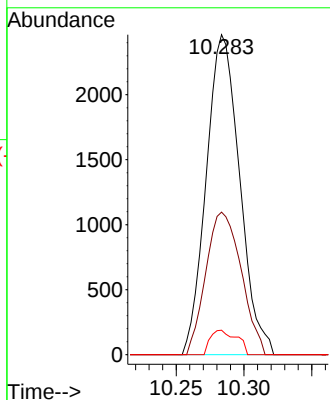
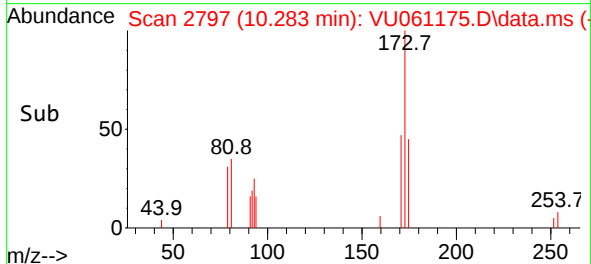
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



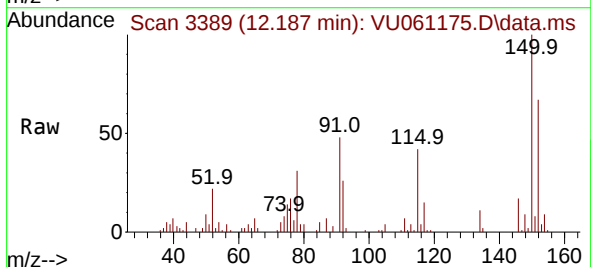
Tgt Ion:173 Resp: 4225
Ion Ratio Lower Upper
173 100
175 47.1 37.8 56.8
254 6.0 7.0 10.4

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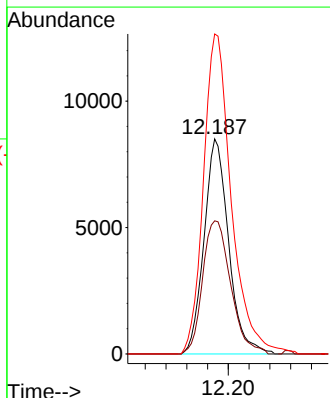
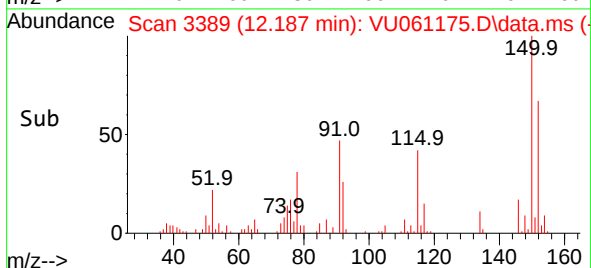
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

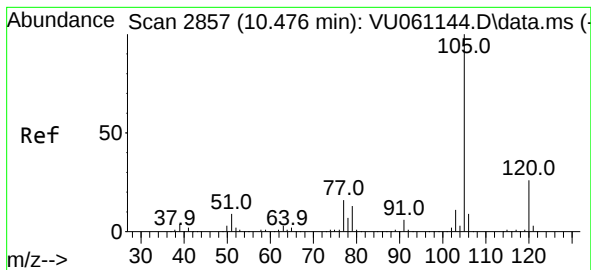


#68
1,2-Dichlorobenzene-d4
Concen: 1.005 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



Tgt Ion:152 Resp: 13998
Ion Ratio Lower Upper
152 100
115 70.5 0.0 275.0
150 168.6 0.0 668.8





#69

Isopropylbenzene

Concen: 0.773 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

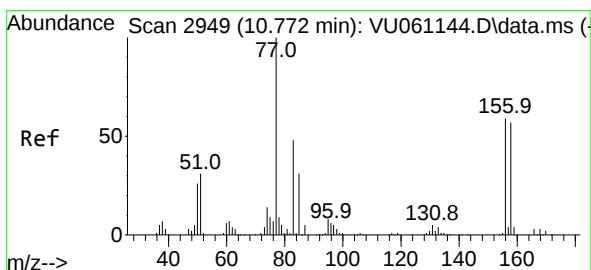
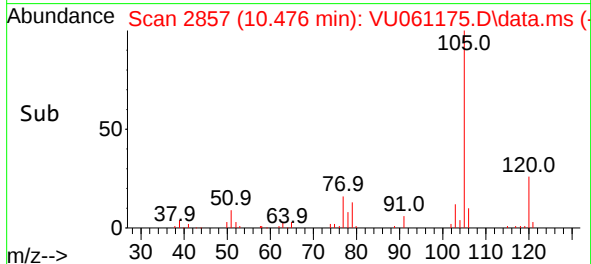
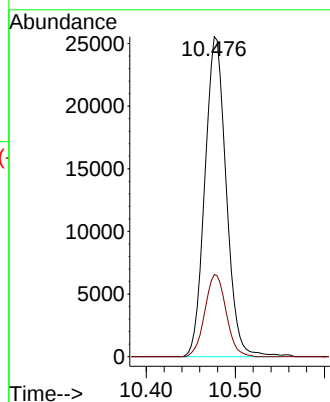
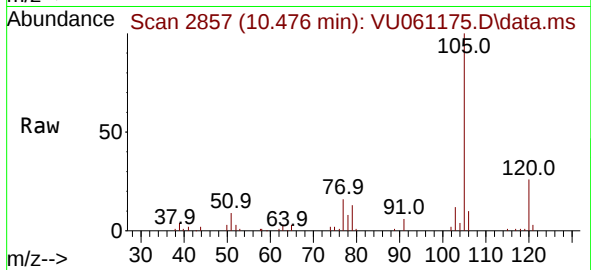
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 4244
 Ion Ratio Lower Upper
 105 100
 120 25.7 13.1 39.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.778 ug/l

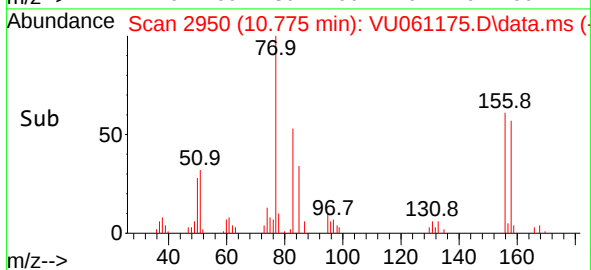
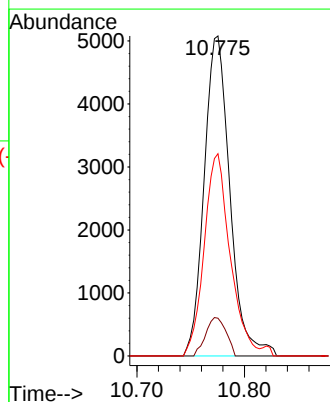
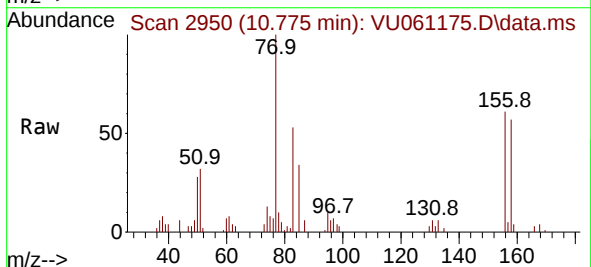
RT: 10.775 min Scan# 2950

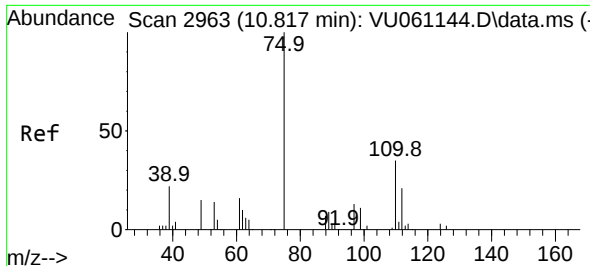
Delta R.T. 0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

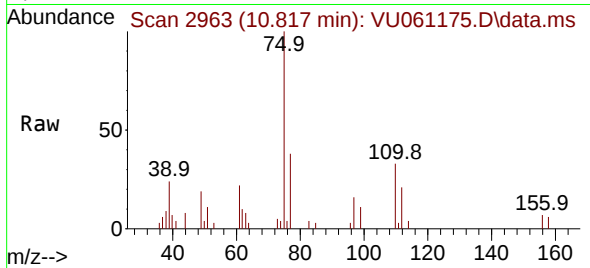
Tgt Ion: 83 Resp: 8456
 Ion Ratio Lower Upper
 83 100
 131 9.5 7.8 11.8
 85 63.5 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.855 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

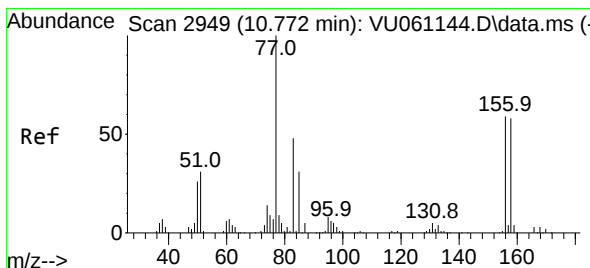
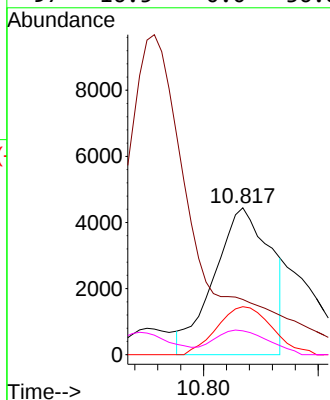
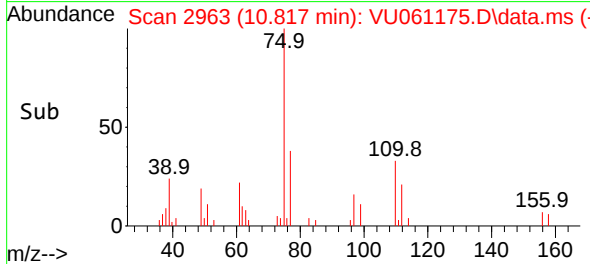
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



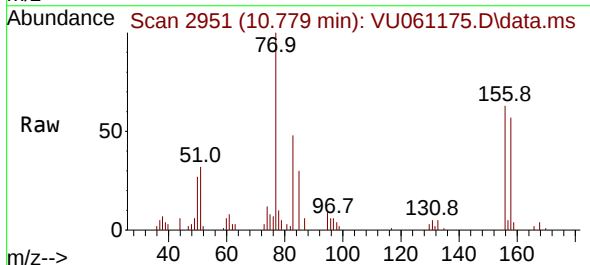
Tgt Ion: 75 Resp: 7564
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 32.1 0.0 68.6
97 16.5 0.0 36.8

Manual Integrations
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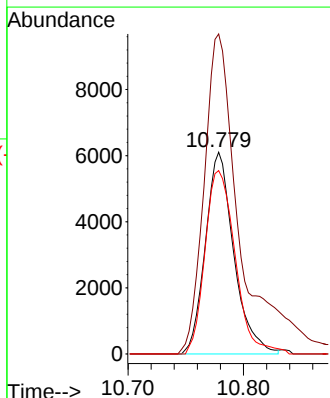
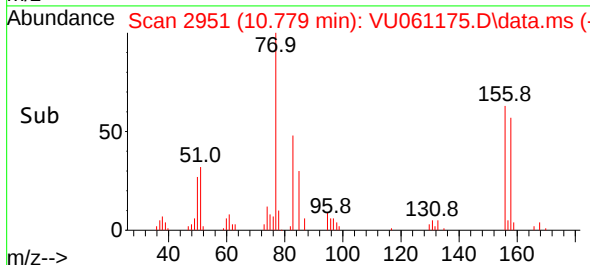
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

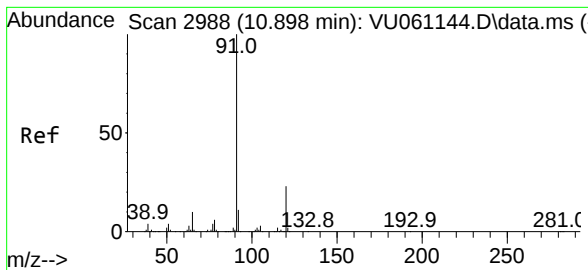


#72
Bromobenzene
Concen: 0.792 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



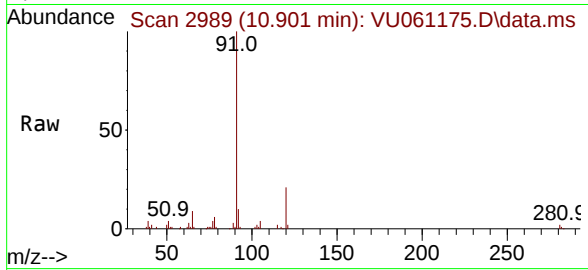
Tgt Ion:156 Resp: 10456
Ion Ratio Lower Upper
156 100
77 202.0 0.0 337.2
158 96.5 0.0 192.8





#73
n-propylbenzene
Concen: 0.749 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

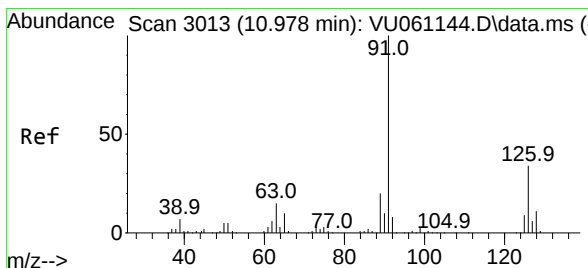
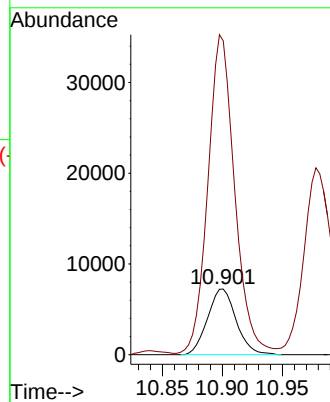
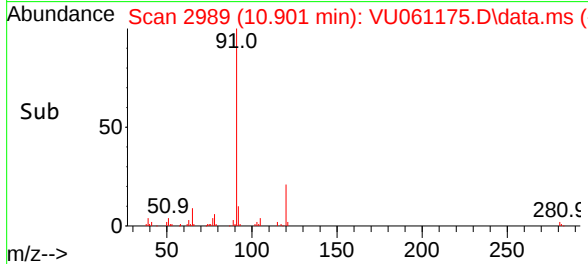
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



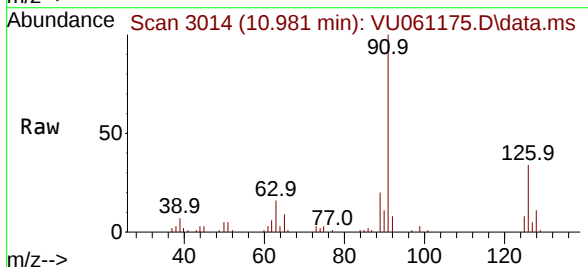
Tgt Ion:120 Resp: 1199
Ion Ratio Lower Upper
120 100
91 453.0 353.6 530.4

Manual Integrations
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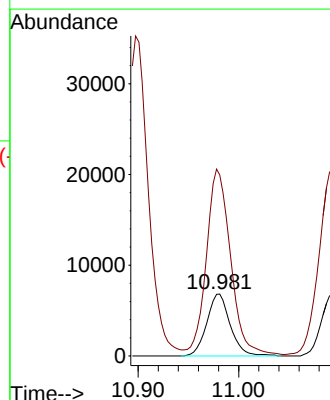
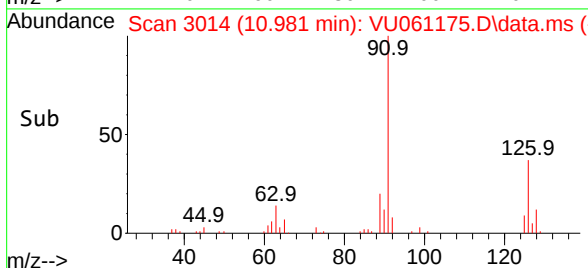
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

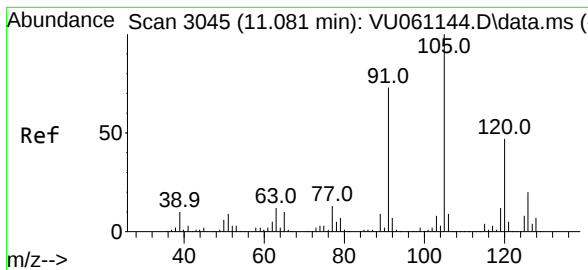


#74
2-Chlorotoluene
Concen: 0.798 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



Tgt Ion:126 Resp: 11061
Ion Ratio Lower Upper
126 100
91 306.3 0.0 595.2





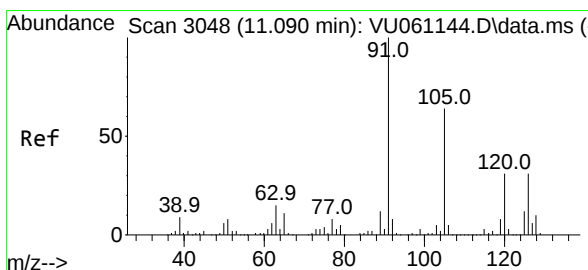
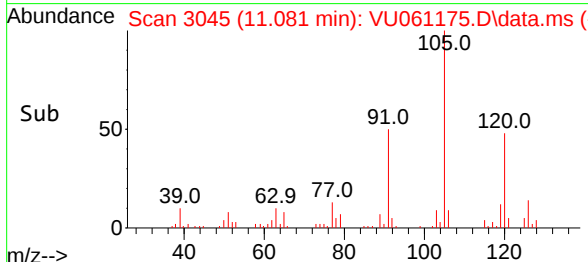
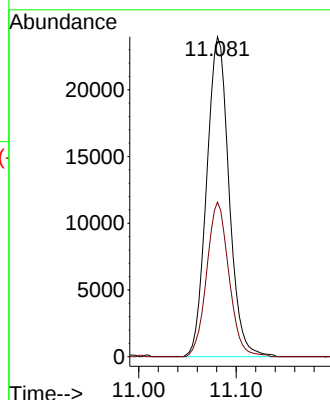
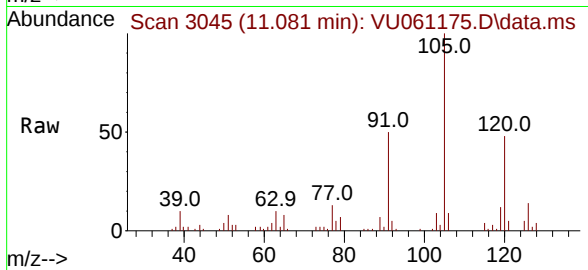
#75
1,3,5-Trimethylbenzene
Concen: 0.772 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 38230
Ion Ratio Lower Upper
105 100
120 48.1 38.0 57.0

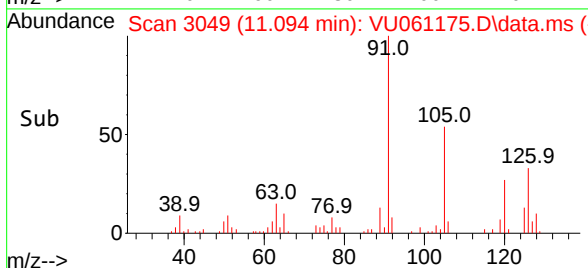
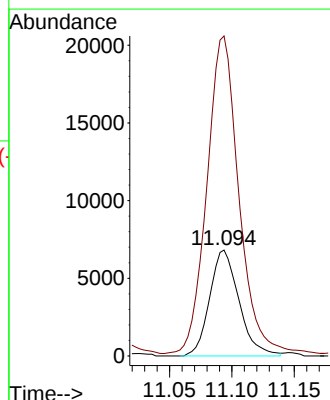
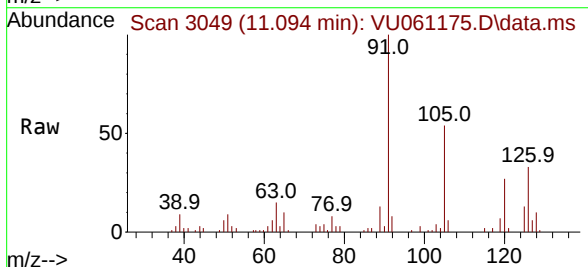
Manual Integrations
APPROVED

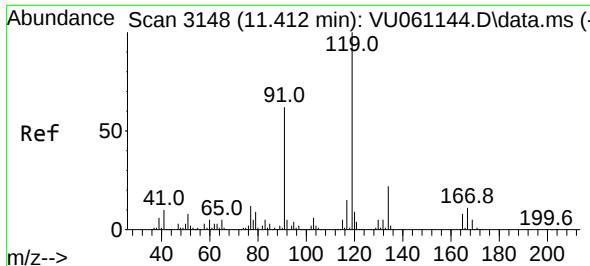
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#76
4-Chlorotoluene
Concen: 0.793 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

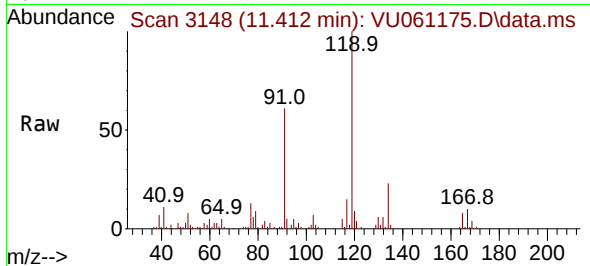
Tgt Ion:126 Resp: 11170
Ion Ratio Lower Upper
126 100
91 325.9 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.785 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

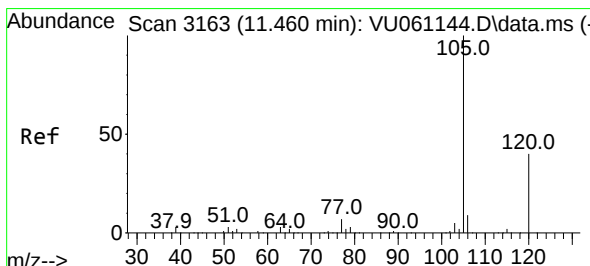
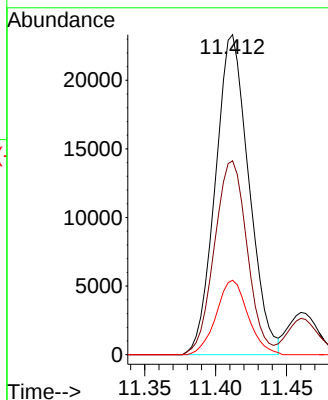
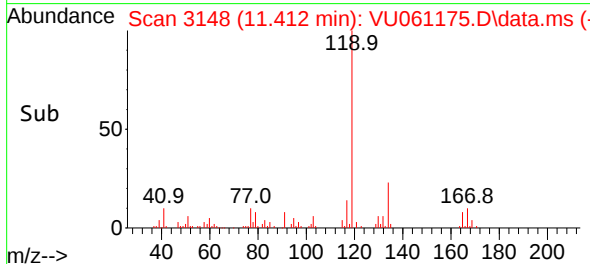
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



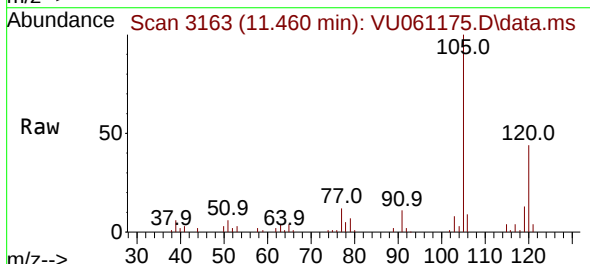
Tgt Ion:119 Resp: 3840
Ion Ratio Lower Upper
119 100
91 59.2 30.1 90.5
134 22.1 17.5 26.3

Manual Integrations
APPROVED

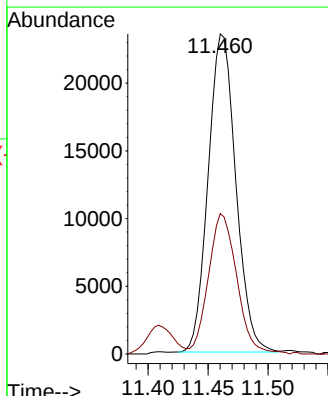
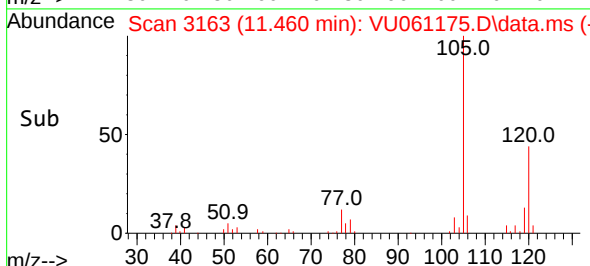
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

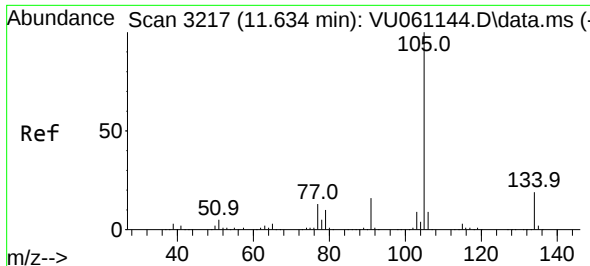


#78
1,2,4-Trimethylbenzene
Concen: 0.755 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



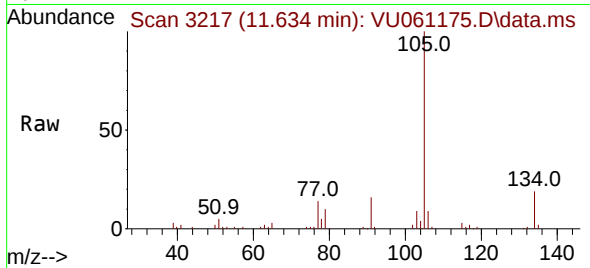
Tgt Ion:105 Resp: 37718
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 0.804 ug/l
 RT: 11.634 min Scan# 3126
 Delta R.T. -0.000 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31

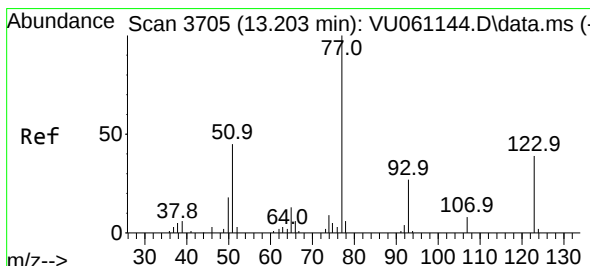
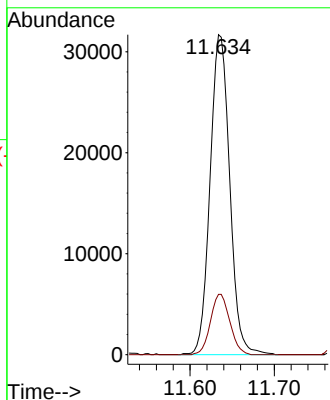
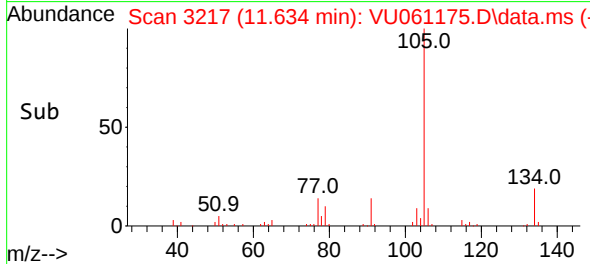
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT4-2024



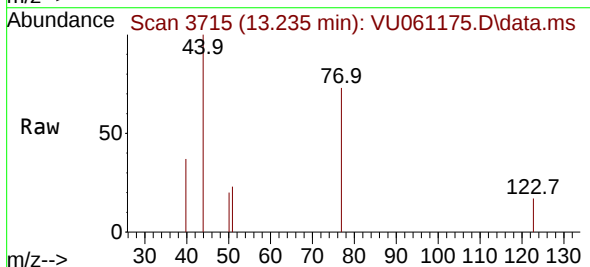
Tgt Ion:105 Resp: 5126
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.5 23.3

Manual Integrations
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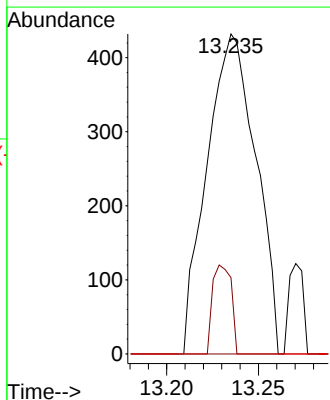
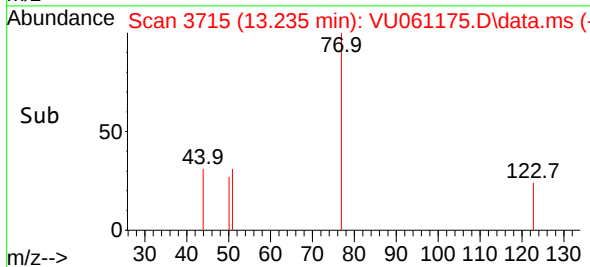
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

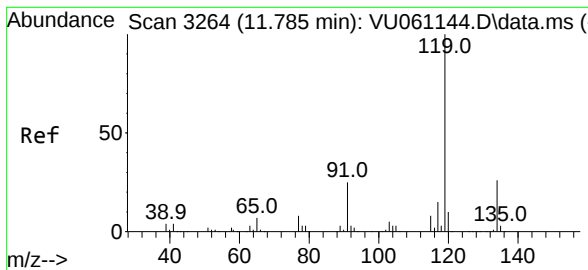


#80
 Nitrobenzene
 Concen: 3.368 ug/l
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.032 min
 Lab File: VU061175.D
 Acq: 21 Oct 2024 16:31



Tgt Ion: 77 Resp: 801
 Ion Ratio Lower Upper
 77 100
 123 10.6 15.6 55.2#
 65 0.0 10.7 13.7#





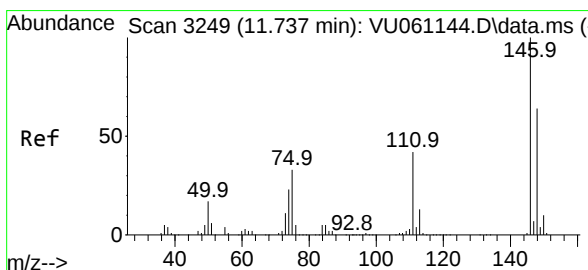
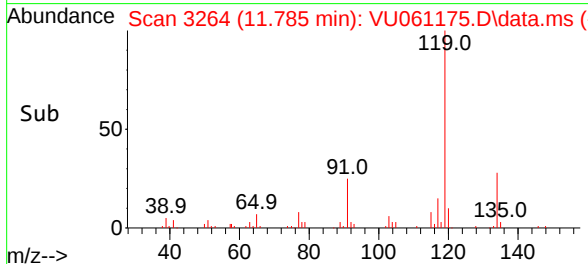
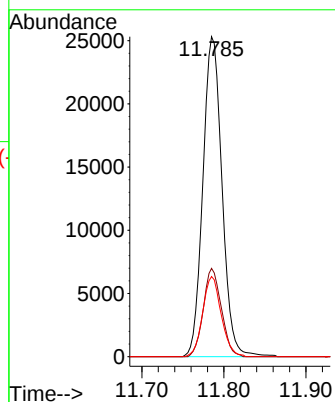
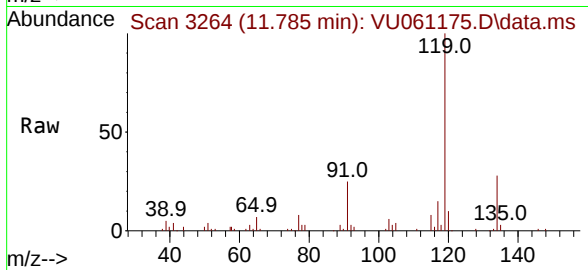
#81
p-Isopropyltoluene
Concen: 0.780 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:119 Resp: 41150
Ion Ratio Lower Upper
119 100
134 25.9 21.0 31.6
91 24.2 19.8 29.8

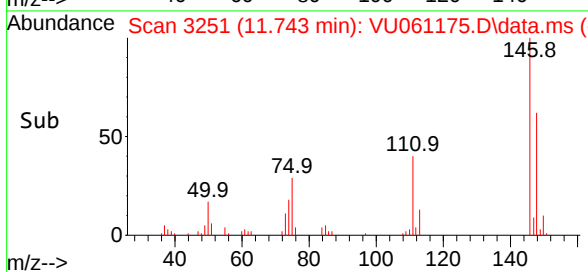
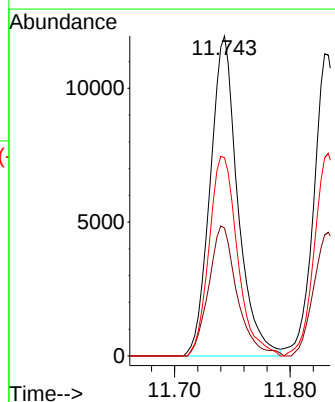
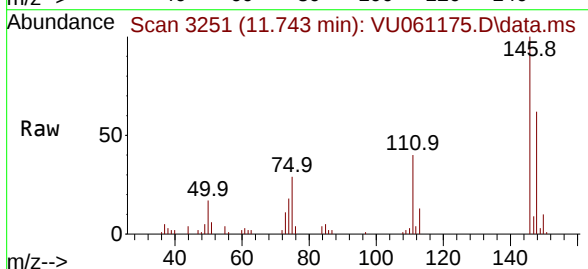
Manual Integrations
APPROVED

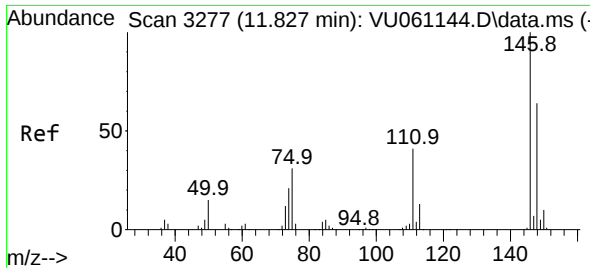
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#82
1,3-Dichlorobenzene
Concen: 0.782 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

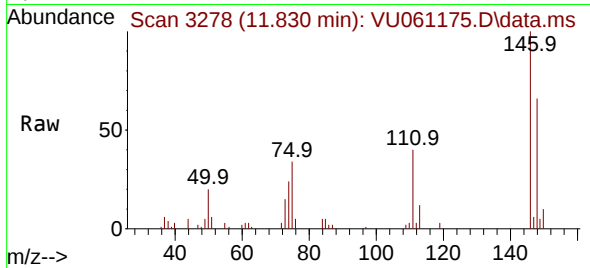
Tgt Ion:146 Resp: 19823
Ion Ratio Lower Upper
146 100
111 41.6 34.1 51.1
148 64.2 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.750 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

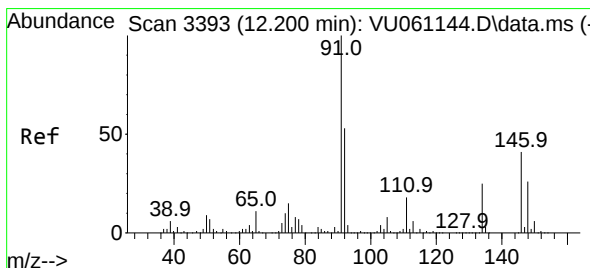
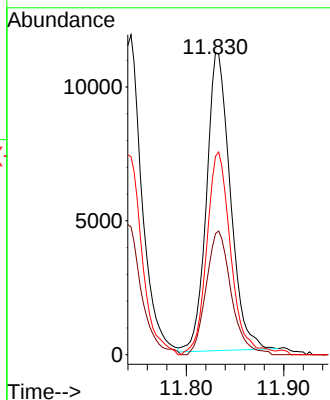
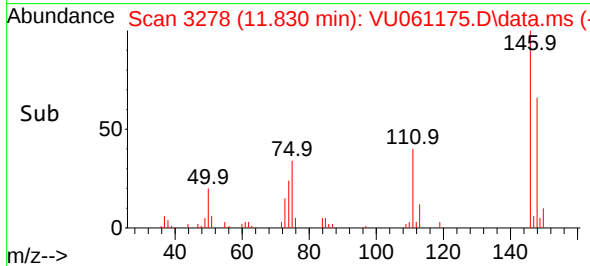
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:146 Resp: 18940
Ion Ratio Lower Upper
146 100
111 43.4 32.1 48.1
148 68.7 50.3 75.5

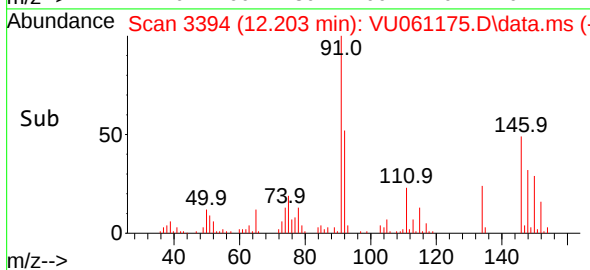
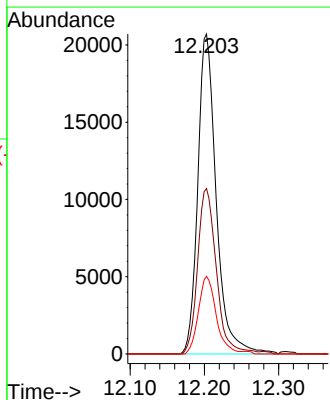
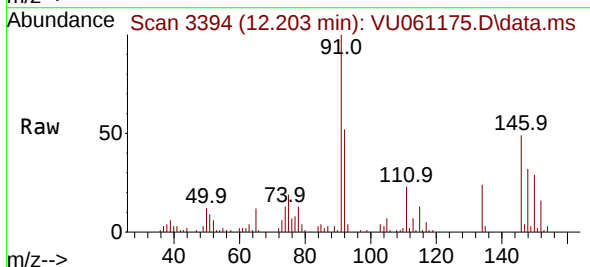
Manual Integrations
APPROVED

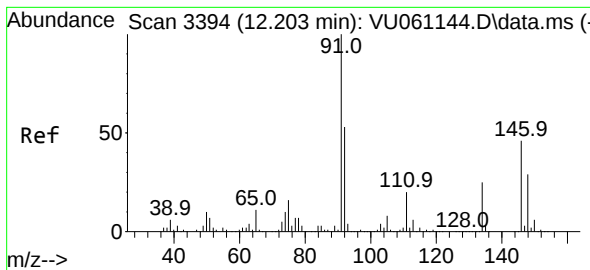
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#84
n-Butylbenzene
Concen: 0.732 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

Tgt Ion: 91 Resp: 35812
Ion Ratio Lower Upper
91 100
92 52.4 41.8 62.8
134 23.3 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.788 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

Instrument :

MSVOA_U

ClientSampleId :

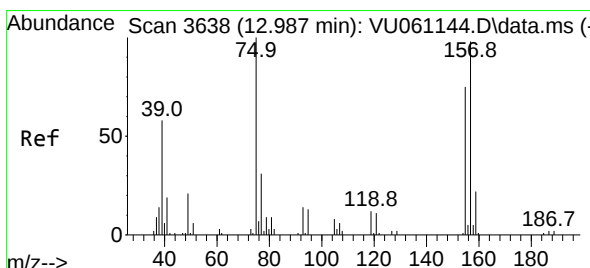
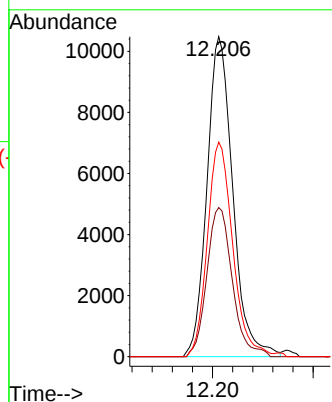
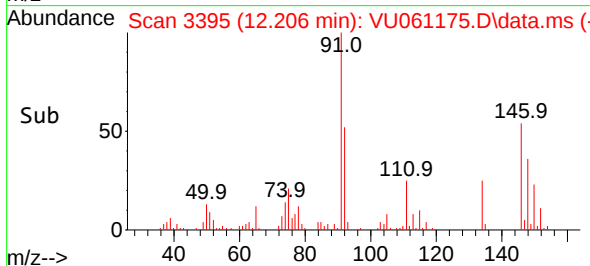
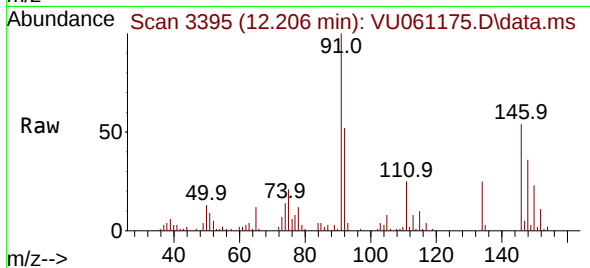
MDL-WATER-03-QT4-2024

Tgt Ion:	146	Resp:	1866
Ion Ratio	Lower	Upper	
146	100		
111	46.0	21.9	65.7
148	66.0	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.801 ug/l

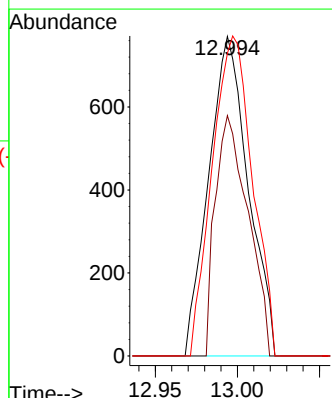
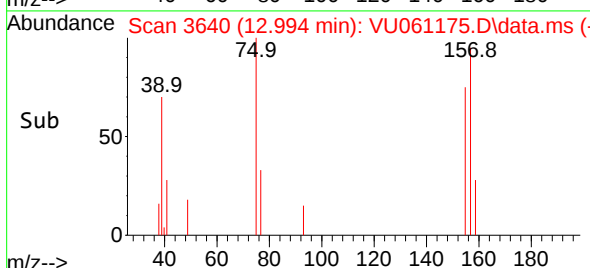
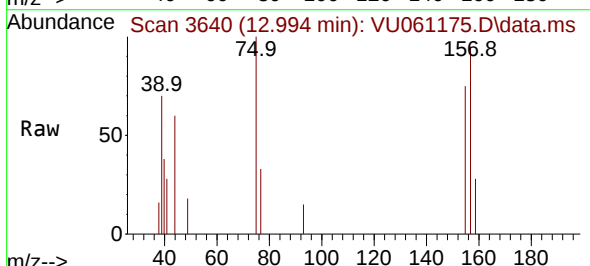
RT: 12.994 min Scan# 3640

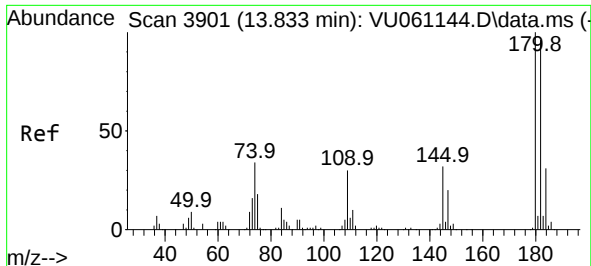
Delta R.T. 0.006 min

Lab File: VU061175.D

Acq: 21 Oct 2024 16:31

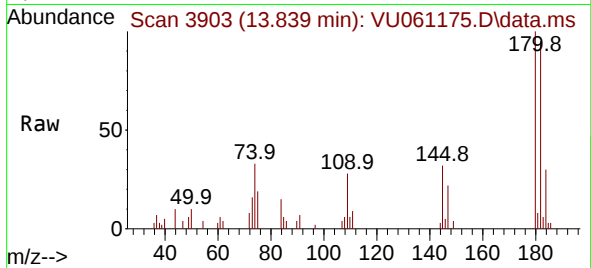
Tgt Ion:	75	Resp:	1291
Ion Ratio	Lower	Upper	
75	100		
155	62.3	61.4	92.0
157	102.2	78.5	117.7





#87
1,2,4-Trichlorobenzene
Concen: 0.740 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

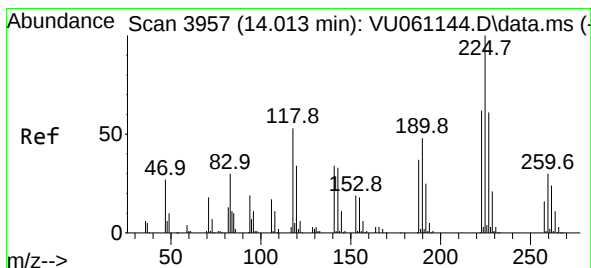
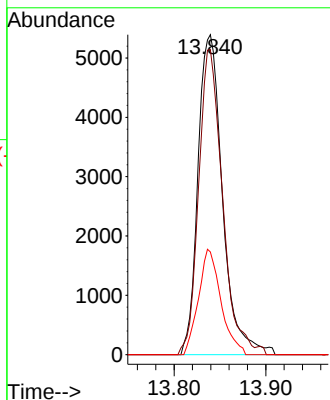
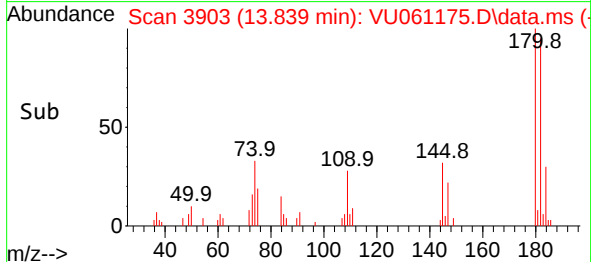
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:180 Resp: 1002
Ion Ratio Lower Upper
180 100
182 92.8 77.0 115.6
145 30.2 25.7 38.5

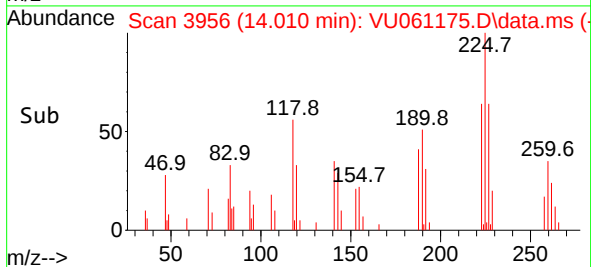
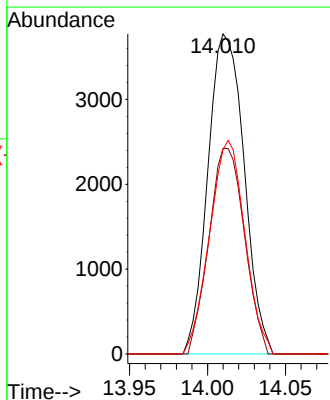
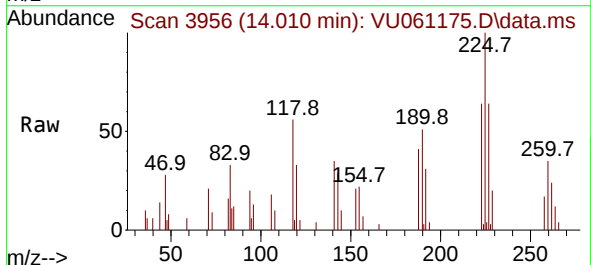
Manual Integrations
APPROVED

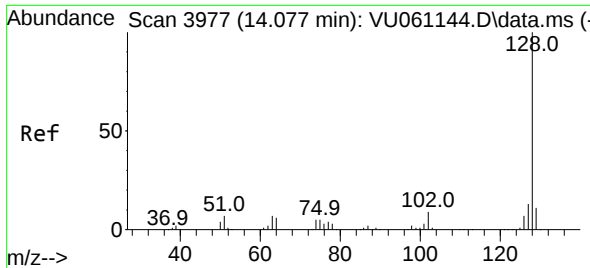
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#88
Hexachlorobutadiene
Concen: 0.796 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

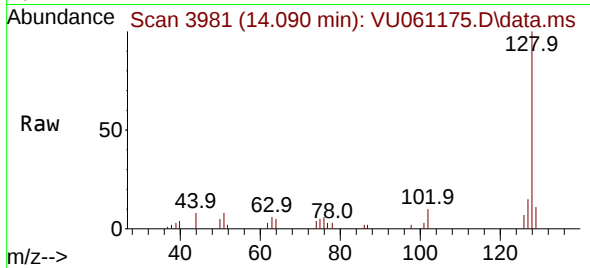
Tgt Ion:225 Resp: 6098
Ion Ratio Lower Upper
225 100
223 62.9 51.4 77.2
227 65.0 50.3 75.5





#89
Naphthalene
Concen: 0.670 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.013 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31

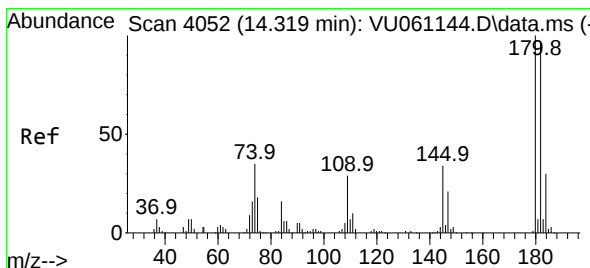
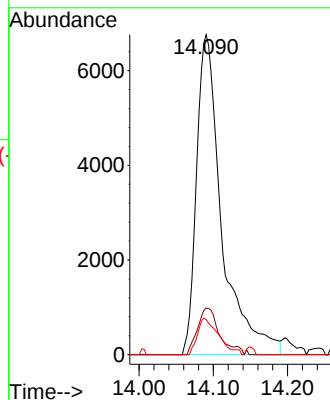
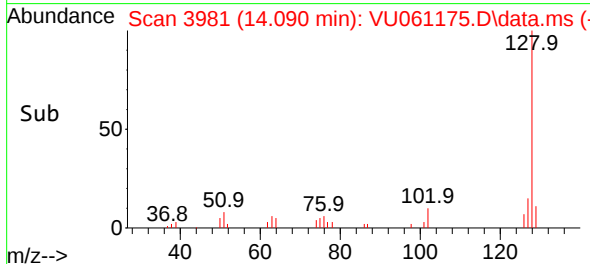
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



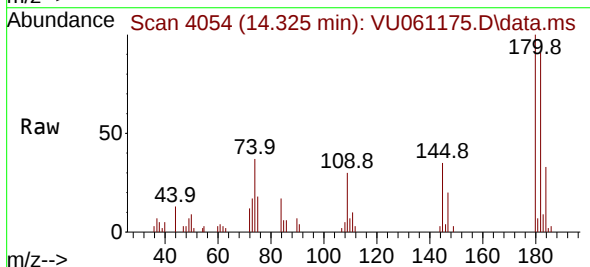
Tgt Ion:128 Resp: 16018
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 9.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#90
1,2,3-Trichlorobenzene
Concen: 0.709 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VU061175.D
Acq: 21 Oct 2024 16:31



Tgt Ion:180 Resp: 8628
Ion Ratio Lower Upper
180 100
182 98.2 76.2 114.4
145 33.5 26.8 40.2

